रजिस्ट्री सं. डी एल—33001/2000 REGISTERED No. DL—33001/2000

भारत का राजपत्र
The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 35] नई दिल्ली, शनिवार, अगस्त 26, 2000 (भाद्रपद 4, 1922)
No. 35] NEW DELHI, SATURDAY, AUGUST 26, 2000 (BHADRA 4, 1922)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 26th August 2000

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Building, 5th, 6th and 7th
Floors, 234/4, Acharya Jagadish
Bose Road, Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS"

Phone No. 247 4401
Fax No. 033 247 3851

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कलकत्ता, दिनांक 26 अगस्त 2000

पेटेन्ट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेन्ट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नाई में इसके शाखा कार्यालय हैं, जिनके **क्षेत्रीय क्षेत्राधिकार जोन के आधार पर निम्न रूप में** प्रदर्शित हैं :—

पेटेन्ट कार्यालय शाखा, वोर्डी इस्टेट,
[illegible], ओअर [illegible] (प.)
मुम्बई-400013 ।

[illegible], महाराष्ट्र, मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली ।

तार पता - "पेटोफिस"
फोन : 482 5092 फैक्स : 022 495 0622

पेटेन्ट कार्यालय शाखा,
एकक सं. 401 से 405, चौथा तल
[illegible] बाजार भवन,
[illegible] मार्ग, करोल बाग,
नई दिल्ली-110 005 ।

[illegible], हिमाचल [illegible],
तथा [illegible], पंजाब, [illegible],
उत्तर प्रदेश तथा दिल्ली संघ
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता - "पेटेंटोफिक"
फोन : 578 2532 फैक्स : 011 576 6204

पेटेन्ट कार्यालय शाखा,
विंग "सी" (सी-4, ए),
[illegible] भवन,
[illegible] चेन्नाई-600090 ।

[illegible], कर्नाटक, केरल, तमिलनाडु
[illegible] संघ राज्य क्षेत्र एवं
[illegible] क्षेत्र, लक्षद्वीप, मिनिकाय
[illegible] ।

तार पता-"पेटेंटोफिक"
फोन : 490 1495 फैक्स : 044 490 1492

पेटेन्ट कार्यालय (प्रधान कार्यालय),
[illegible] प्लेस, द्वितीय बहुतली, कार्यालय
भवन, 5, 6 तथा 7वां तल,
[illegible], चौरंगी [illegible] मार्ग,
[illegible] 700 020 ।

[illegible] ।

तार पता - "पेटेंटस"
फोन : 247 4401 फैक्स : 033 247 3851

पेटेन्ट अधिनियम, 1970 तथा पेटेन्ट (संशोधन) अधिनियम, 1999 अथवा पेटेन्ट (संशोधन) नियम, 1972 द्वारा अपेक्षित सभी आवेदन, रजिस्ट्रार, विलेखण या अन्य दस्तावेज या कोई फीस पेटेन्ट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किये जायेंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान में अनुसूचित बैंक में नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

CORRIGENDUM

In the Gazette of India Part-III, Sec. 2 dated 4th September, 1999, in page-806, col-1 read the Application for Patent No. "1219/Del/94 (183074)" filed on 28th September. 1994 instead of "1209/Del/94".

Under the heading "PATENT SEALEDD" in the Gazette of India, Part-III, Sec. 2 dated 03rd September, 99 notified on 02nd October, 99 delete the Patent No. 182193 (692 Cal/92) which was inadvertantly sealed.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, WING C (C-4 'A'), III FLOOR, RAJAJI BHAVAN, BESANT NAGAR, CHENNAI - 600 090

1st May, 2000

330/Mas/2000. K. P. Sudharman. Earth's magnetic field based anti theft alarm.

331/Mas/2000. Srinivas Polisetty, Dr. Naveena Nagi. "E-Visul Development Environment".

332/Mas/2000. Srinivas Polisetty, Dr. Naveena Nagi. "Method and apparatus for real time electronic business.

333/Mas/2000. Dr. Ravishankar Polisetty, Dr. Nori. G. Pradeep Cardi-care.

334/Mas/2000. Dr. Ravishankar Polisetty, Dr. Nori G. Pradeep. Cardi-care

335/Mas/2000. Sree Chitra Tirunal Institute for Medical Sciences & Technology. A process for the preparation of heparin immobilised pericardium.

336/Mas/2000. Lucent Technologies Inc. Cryptographich method and apparatus for restricting access to transmitted programming content using hash functions and program identifiers. (May 7, 1999; US).

337/Mas/2000. Munirathinam Uma Mahesh. Full protection from losses, full control, theft deteition and easy billing of E.B. Department with reduced man-power.

2nd May, 2000

338/Mas/2000. Standard Car Truck Company. Friction wedge design optimized for high warp friction moment and low damping force. (May 6, 1999: US).

339/Mas/2000. Owens Illinois Closure Inc. Bayonet-type finish for a container. (May 4, 1999; US).

340/Mas/2000. Monsanto Comany Carbon dioxide assisted hydrolysis of aminophosphonates.

341/Mas/2000. Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel. Ltd.). Direct reduction method and rotary hearth furnace. (May 6, 1999; Japan).

3rd May, 2000

342/Mas/2000. S. Shenbaga Vinayaga Moorthy. Wrist Cellular watch.

343/Mas/2000. Ramaswamy Krshnamurthy. Air cleaner service indicator.

4th May, 2000

344/Mas/2000. Lucent Technologies Inc. High priority and/or emergency overload access control system. (May 10, 1999; US).

345/Mas/2000. Fujikiko Kabushiki Kaisha. Seat sliding apparatus. (May 11, 1999; Japan).

5th May, 2000

346/Mas/2000. K. J. Scaria. Coir tufted rubber mattings & mats.

347/Mas/2000. K J Scaria Rubber backed water absorbant mats

348/Mas/2000. K. J. Scaria Eco-step coir mats.

349/Mas/2000. K J Scaria Coir fibre baskets & coir fibre pots (or coco pots)

350/Mas/2000. Chandramohan, Kunjuraman. Computer caddy.

351/Mas/2000. Electronics Research & Development Centre. A device for sensorless torque control of induction generator in the wind turbine using bi-directional IGBT inverter.

352/Mas/2000. Maschinenfabrik Rieter Ag. Sensor system for ring spinning machine. (May 6, 1999; Switzerland).

353/Mas/2000. Dr. Reddy's Research Foundation. New compounds having anticancer activity : process for their preparation and pharmaceutical compositions containing them.

354/Mas/2000. Dr. Reddy's Research Foundation. Novel anticancer compounds : process for their preparation and pharmaceutical compositions containing them.

8th May, 2000

355/Mas/2000. G.R.C. Rajan. Pulley-winch operated telescopic mast.

356/Mas/2000. Dr. K. C. Job. Job's steering system (An improved steering system for non-power assisted automobile steering systems.

357/Mas/2000. F. Hoffmann-La Roche Ag. Process for the preparation of hydroxamic acids. (May 11, 1999; Europe).

9th May, 2000

358/Mas/2000. Wipro Limited. Fairness cream compositions.

359/Mas/2000. F. Hoffmann-La Roche Ag. Photostable cosmetic light screening compositions. (May 12, 1999; Europe).

360/Mas/2000. Natco Pharma Limited. An improved process for the preparation of quinolone derivatives.

10th May, 2000

361/Mas/2000. Lucent Technologies Inc. Efficient automatic repeat request method using variable length sequence numbers. (May 14, 1999; US).

362/Mas/2000. Lucent Technologies Inc. Control channel for time division multiple access systems. (May 17, 1999; US).

363/Mas/2000. Bestfoods. Dry product which can be reconstituted with hot aqueous liquids and process for its production. (May 11, 1999; Germany).

364/Mas/2000. Spic Science Foundation. A process for the preparation of chemical compounds for use in the detection of banana bunchy top virus.

365/Mas/2000. The Department of Metallurgy, Indian Institute of Science. A method of making Al-rich and AlN-rich matrix composites by pressureless infiltration of molten Al-alloys using an external getter.

11th May, 2000

366/Mas/2000. C. Somasundaram. A system for conversion of LPG/CNG for use as automobile fuel.

367/Mas/2000. Norton Company. Improved backup pad for rotary grinder. (June 3, 1999; US).

368/Mas/2000. Dr. Reddy's Research Foundation. Novel tricyclic compounds having antibacterial activity : process for their preparation and pharmaceutical compositions containing them.

369/Mas/2000. Dr. Reddy's Research Foundation. Now tricyclic compounds having antibacterial activity : process for their preparation and pharmaceutical compositions containing them.

12th May, 2000

370/Mas/2000. TVS-Suzuki Ltd. An improved seat-ejector system for hinge type seat of two wheelers and comprising the same in seat assembly of two-wheelers.

371/Mas/2000.Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel Ltd.) Method for producing oxygen gas. (May 21, 1999; Japan).

372/Mas/2000. Novo Nordisk Biotech, Inc. A method for obtaining a protein hydrolysate. (May 16, 1997; US). (Div. to Patent Application No. 1064/Mas/98 dt. 18th May 1998).

373/Mas/2000. The Hong Kong Polytechnic University. Filter.

15th May, 2000

374/Mas/2000. Bharatplanet. com Ltd. A system and method for online health care management through internet.

16th May, 2000

375/Mas/2000. Owens Illinois Closure Inc Tamper-indicating closure and method of manufacture. (May 17, 1999; US).

376/Mas/2000. Subramanian Venkataraman, Venkataraman Maheshwaran and Venkataraman Prabhu. Improvements in or related to apparatus for storage of articles presently the embodiment being a multilevel stacking arrangement for cars with provision for automatic stacking and retrieval.

17th May, 2000

377/Mas/2000. P. Ranganathan. A process of laminating document and manufacturing plastic pouch.

378/Mas/2000. Natarajan Rayar. Razis machine for paste and powder maker.

379/Mas/2000. S. Govindarajan Low temperature cabinet to serve as blood bank.

19th May, 2000

380/Mas/2000. Kadayam Seshan Natarajan. Condensate sensing automatic drain valve.

381/Mas/2000. Honda Giken Kogyo Kabushiki Kaisha. Engine generator. (May 20, 1999; Japan).

382/Mas/2000. Honda Giken Kogyo Kabushiki Kaisha. Engine generator unit. (May 21, 1999; Japan).

383/Mas/2000. Honda Giken Kogyo Kabushiki Kaisha. Engine generator unit. (May 21, 1999; Japan).

384/Mas/2000. Honda Giken Kogyo Kabushiki Kaisha. Engine generator unit. (May 21, 1999; Japan).

385/Mas/2000. Maschinenfabrik Rieter Ag. Spinning frame with double thread guide. (May 26, 1999; Germany).

386/Mas/2000. Maschinenfabrik Rieter Ag. Loading support for drafting unit. (May 21, 1999; Germany).

22nd May, 2000

387/Mas/2000. Vemuru Harikrishna Prasad. Mobile data communication equipment (point to point) through telephone hand-set by means of dedicated compliant equipment-piano mail.

388/Mas/2000. Dr. Reddy's Research Foundation. Novel communication equipment (point to point) through telephone hand-set by means of dedicated complaint equipment-piano mail.

388/Mas/2000. Dr. Reddy's Research Foundation. Novel 25, 1999; Europe).

390/Mas/2000. Anu's Laboratories Ltd. Process for recovery of pharmaceutical grade byproducts from aqueous aluminium chloride solutions generated as a waste stream in Friedel-craft & similar reactions.

23rd May, 2000

391/Mas/2000. K. Durga Vara Prasad. Genepro 2000 He—Particle acceleration apparatus.

392/Mas/2000. F. Hoffmann La Roche Ag. Process for the preparation of vinyl pyrimidine derivatives (May 28, 1999; Japan).

393/Mas/2000. Volkmann GmbH. Winding frame. (May 27, 1999; Germany).

394/Mas/2000. Lucent Technologies Inc. Error recovery method for improving throughput in a communication channel. (May 25, 1999; US).

24th May, 2000

395/Mas/2000. Lucent Technologies Inc. Viterbi decoding using single-wrong-turn correction. (May 28, 1999; US).

25th May, 2000

396/Mas/2000. Givaudan Roure (International) S.A. Flavor compounds. (May 28, 1999; Europe).

397/Mas/2000. Matsushita Electric Industrial Co. Ltd. A gain control circuit, a receiver and a transmitter using the gain control circuit, and radio communications apparatus and a radio communications system using the receiver and the transmitter. (May 28, 1999; Japan).

398/Mas/2000. Weston Medical Limited. A needleless injector. (July 31, 1993; Great Britain). (Div. to Patent Application No. 710/Mas/94 dt. 29th July 1994).

26th May, 2000

399/Mas/2000. RV-TIFAC Composites Design Centre. Fibre reinforced sandwhich composite doors and door and frames and the method of fabrication of the same.

400/Mas/2000. Ashland Inc. Monocarboxylic acid based anti-freeze composition.

401/Mas/2000. Huttenes-Albertus Chemische Werke GmbH. Binder system for moulding mixtures for the production of moulds and cores (June 1, 1999; Germany).

402/Mas/2000. International Business Machine Corporation. Method and apparatus for monitoring and handling events for a collection of related threads in a data processing system. (June 10, 1999; US).

403/Mas/2000. Haldor Topsoe A/s. A combined process for improved hydrotreating of diesel fuels. (June 2, 1999; Denmark).

404/Mas/2000. R. Gopal. Linear induction motor for ship propulsion.

ALTERATION OF DATE

184433 filed on 12-11-92.
1040/Del/92 Ante dated to 13-03-89

184450
762/Cal/98 Ante dated to 05-10-1994.

184487 filed on 03-07-91.
693/Del/91 Ante dated to 4-4-38.

184499 filed on 01-04-92.
295/Del/95 Ante dated to 19-01-89.

184506
(119/Bom/98) Ante dated to 01-07-1994.

184508
670/Bom/98) Ante dated to 22-07-1997.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

The Classification given below in respect of each specification are according to Indian Classification and International Classification Systems.

Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 30/- each.

In the event of non-availability of printed specification, photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 10/- per page of such document plus Rs. 30/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर अगर वांछित हो, एक महीने की अवधि से अधिक न हो, के भीतर किसी भी निबंधक एकस्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्ररूप 7 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य दो प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम 36 के तहत यथाविहित उक्त सूचना की तिथि से 60 दिन के भीतर फाईल कर दिये जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।

विनिर्देश तथा चित्र आरेख, यदि कोई हो, की ओंकता प्रतियों की आपूर्ति पेटेंट कार्यालय या उसकी शाखा कार्यालयों से यथाविहित 30/- रुपए प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ धन 30/- रुपये की अदायगी पर की जा सकती है।

Ind. Cl. : 44 XL1 (4) 184421

Int. Cl.[4] : G 04 B 19/00.

A FAMILY PLANNING WATCH.

Applicant : SUNIL NAYYAR, AN INDIAN NATIONAL OF 110/1 THE MALL, LUDHIANA, INDIA.

Inventor : SUNIL NAYYAR—INDIAN.

Application for Patent No. 1221/Del/1991 filed on 12th December 1991.

Complete left after Provisional specification on 12th March. 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

4 Claims

A family planning watch comprising first movement means for providing movement to the hour hand, minute hand and second hand to traverse over a dial having graduations to show the time in hour, minutes and seconds to provide a reading of the time, characterised in that family planning movement means comprising a rotatable ring (1) adapted to be rotated by said first movement means being provided below the dial of the watch. a driving lug (4) connected to said rotatable ring (1) through a bush (6) being provided to rotate a pointer (5) provided on the top side of said bush (6) to indicate fertility and infertility period on the dial.

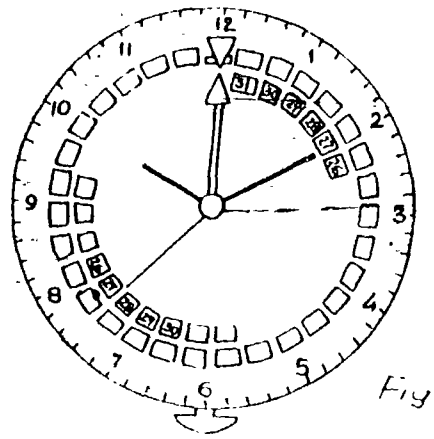


Fig.

(Provn. Specn. 5 pages Drng. sheet nil)

(Compl. Specn. 9 pages Drng. 1 sheet)

Ind. Cl. : 32 F3 C, 55E. 184422

Int. Cl.[4] : A 61 K 31/00, C 07 G 3/00.

A PROCESS FOR THE ISOLATION OF 3—(4-0- D-glucosyl - (1 "5")-o- D-apiosyl, 3', 5'-dimeoxyphenyl)-2-trans propene-lol designated as CORDIFOLIOSIDE B FROM TINOSPORA SPECIES.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors :

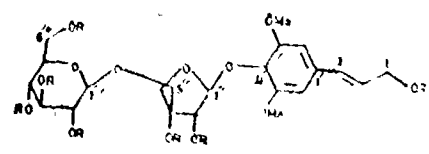
1. RAKESH MAURYA, INDIA
2. ARUNA KAPIL, INDIA AND
3. RANDHIR SINGH KAPIL, INDIA.

Application for Patent No. 558/Del/93 filed on 1st June, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110 005.

4 Claims

A process for the isolation of 3-(4'-0- D-glucosyl-(1"" 5")-0- D-apiosyl, 3', 5'dimethoxyphenyl)-2- trans-propenelol of the formula 1.



where R represents hydrogen group from Tinospora species. which comprises :

(a) powdering of the stem, roots or any other part of the plant of Tinospora cordifolia, Tinospooa malabarica or Tinospora crisp,

(b) preparing an aqueous alcoholic extract of the powdered plant material to prepared,

(c) concentrating the aqueous alcoholic extract to minimum volume and extracting with different organic solvents of increasing polarity and thereafter reating with (1-4 carbon atoms) and certrifuging,

(d) isolating the 3-(4'-0- D-glucosyl - (1''' 5'') -0--D- apiosyl, 3', 5'-dimethoxyphenyl)-2-transpropene-1-01 (cordifolioside B), from the organic extract by applying Medium Pressure Liquid chromatography (MPLC) or flash chromatography using silica gel of the mesh size (100—200).

(Compl. Specn. 8 Pages; Drng. Sheet 1)

Ind. Cl. : 32F8(b) & 55F 184423

Int. Cl.[4] : C07C 101/00.

A PROCESS FOR THE PREPARATION OF TECHNETIUM-99M DIETHYLENE TRIAMINE PENTAACETIC ACID DIESTER.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors :
MITA CHATTERJEE,
KARABI SEN &
SOMENATH BANERJEE (INDIAN).

Application for Patent No. 599/Del/95 filed on 31-3-95

Complete left after Provisional Specification filed on 20-6-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

6 Claims

A process for the preparation of technetium-99m diethylene triamine pentaacetic acid diester which comprises :

(a) esterifying dianhydride of diethylene triamine pentaacetic acid by conventional methods,

(b) evaporating the resulting semi-solid mass,

(c) triturating with an organic solvent to get the crude diester. and

(d) purifying the crude diester by conventional recrystallisation from alcohol and

(e) radiolableing the said ester obtained in step.

(f) with technetium-99m in a known manner to get technetium-99m diethylene triamine pentaacetic acid diester.

Compl. Specn. 12 pages Drgns. Nil Sheet

Ind. Cl. : 32 F (29). 184424

Int. Cl.[4] : C 07 C 103/72.

A METHOD FOR PRODUCING AN α CHLOROACETOACETANILIDE COMPOUND.

Applicant : UNIROYAL CHEMICAL COMPANY, INC., A CORPORATION ORGANISED UNDER THE LAWS, OF THE STATE OF NEW JERSEY, UNITED STATES OF AMERICA, LOCATED AT WORLD HEADQUARTERS, MIDDLEBURY, CONNECTICUT 06749, UNITED STATES OF AMERICA.

Inventors :
BENJAMIN JAMES PIERCE-U S.A.

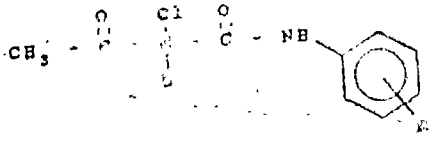
Application for Patent No. 1053/Del/95 filed on 08-06-95.

Convention Application No. 08/260, 147/U.S.A. dated 15th June 94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

6 Claims

A method for producing an α -chloro-acetoacetanilide compound (α -CLAAA) of the formula :



where R is hydrogen, halogen or C_1-C_4 alkyl, which comprises the steps of :—

(a) reacting an acetoacetanilide compound (AAA) of the formula

wherein R is as defined above, with chlorine in the presence of a solvent mixture consisting essentially of water and an organic solvent selected from the group consisting of toluene, xylene, dioxane, isopropyl alcohol, ethanol, 1, 2-dichloroethane chloroform, carbon tetrachloride and chlorobenzene, at a temperature off between 0°C to 20°C, wherein the percent of the water to the organic solvent in the solvent mixture, is between 10% and 150% (v/v) ; and

(b) isolating the α-CIAAA produced in step (a).

(Compl. Specn. 20 Pages; Drng Sheet Nil)

Ind. Cl. : 55E. 184425

Int. Cl.[4] : A 61K—7/48.

A COSMETIC COMPOSITION.

Applicant : THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANISED UNDER THE LAWS, OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO, UNITED STATES OF AMERICA.

Inventor(s) :
1. DONALD L. BISSETT—U.S.A.
2. SHAYA STEVEN ALAN—U.S.A.

Application for Patent No. 1861/Del/95 filed on 11-10-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

5 Claims

A cosmetic composition comprising 0.001% to 20% of an iron chelator selected from the group consisting of 2-furildioxime, 2-fulilmonoxime, 1-phenyl-1, 2-propanedione-2-oxime, benzoylacotone, piroctone, diethyldithiocarbamic acid, deferexamine and 1, 2-dimethyl-3-hydroxy-pyrid-4-one; or

cosmetically acceptable salts thereof, preferably selected from the group consisting of 2-furildioxime, 2-furilmonoxime, 1-phenyl-1, 2-propanedione-2-oxime, piroctone and diethyldithiocarbamic acid, more preferably selected from the group consisting of 2-furildioxime, 2-furilmonoxime, piroctone and diethyldithiocarbamic acid, and most preferably wherein the iron chelator is 2-furildioxime or 2-furilmonoxime; a safe and effective amount of a cosmetic ingredient such as herein described selected from sunscreens/sunblocks, antioxidants, radical scavengers or additional chelating agent; and a carrier system selected from solutions, emulsions, gels, solids or liposomes.

(Compl. Specn. : 20 pages; Drgns. : nil sheet)

Ind. Cl. : 60x1, 55D2, 32F3a 184426

Int. Cl.[1] : A 01 N 29/00, 37/00.

A PROCESS FOR THE PREPARATION OF A 1, 2, 3, 4-SUBSTITUTED NAPHTHALENE COMPOUNDS.

Applicant : BRITISH TECHNOLOGY GROUP LTD., A COMPANY REGISTERED IN ENGLAND, OF 101 NEWINGTON CAUSEWAY, LONDON SE16BU, ENGLAND

Inventors :

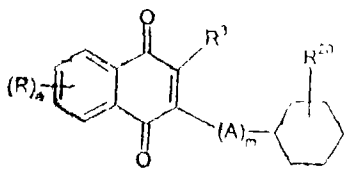
1. BHUPINDER PAAL SINGH KHAMBAY-ENGLAND
2. DUNCAN BATTY-ENGLAND.

Application for Patent No. 22/Del/1996 filed on 04-01-1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110 005.

6 Claims

A process for the preparation of a 1, 2, 3, 4-substituted naphthalene compound of formula (IX)



or a salt thereof, in which n represents an integer from 0 to 4;

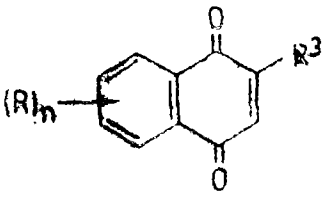
m represents an integer 0 or 1;

each R independently represents a halogen atom or a nitre, Cyano, hydroxyl, alkyl, alkenyl, haloalkyl, haloalkenyl alkoxy haloalkoxy, haloalkenoxy, amino, alkylamino, dialkylamino, alkoxycarbonyl, carboxyl alkanoyl alkylthio, alkylsulphinyl, alkysulphonyl, carbamoyl, alkylamido, cycloalkyl, aryl or aralkyl group;

R^3 represents a hydroxyl group, or a group-OL where L is a leaving group, or a group which in vivo is transformed into a group -OL[1] where L[1] is a leaving group;

A represents a straight or branched chain alkyl or alkenyl group, which may be optionally substituted, an acyclic carbon chain of which links the 3 position of the naphthalene ring shown and the cyclohexane moiety and wherein A does not include a quaternary carbon atom in that chain; and R^{20} is selected from C_{1-4} alkyl or C_{2-4} alkenyl or haloalkenyl; and wherein the total number of carbon atoms in the longest carbon chain running from the 3-position of the naphthalene ring shown is no more than 8; with the proviso that, when m represents an integer 1, then R^{20} is attached to the carbon atom on the cyclohexane moiety in the 2-position, adjacent to the point of attachment of A :

which process comprises reacting a compound of general formula (V)



in a known manner as herein described with a compound of formula R^{20} C6H10-(A)m -X, wherein R^{20} m and A are as defined above, and X is selected from a carboxylic acid group and a leaving group of the kind such as herein described.

(Compl. Specn. 32 Pages; Drng Sheet Nil)

Ind. Cl. : 32 C. 184427

Int. Cl.[4] : C 07 G, 17/00.

PROCESS FOR THE PREPARATION OF 4, 10-DIACETOXY-2 BENZOYLOXY-5, 20-EPOXY-1 7 —DIHYDROXY-9-OXO-TAX- 11-EN-1 3 -YL (2R, 3S)-3-BENZOYLAMINO-2-HYDROXY-3-PHENYLPROPIONATE TRIHYDRATE.

Applicant : RHONE-POULENC RORER S.A., A FRENCH BODY CORPORATE, OF 20, AVENUE RAYMOND ARON, 91260 ANTONY, FRANCE

Inventor(s) :

1. JEAN-RENE AUTHELIN—FRANCE
2. ERIC DIDIER—FRANCE
3. FRANCK LEVEILLER—FRANCE
4. ISABELLE TAILLEPIED—FRANCE

Application for Patent No. 152/Del/96 filed on 24th Jan, 1996.

Convention Application No. 9500816/France/25-01-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

6 Claims

Process for the preparation of 4, 10-diacetoxy-2 -benzoyloxy-5 20- epoxy-1, 7 -dihydroxy-9-oxotax-11-en-13 -yl (2R, 3S)-3-benzoylamino-2-hydroxy-3-phonylpropionate trihydrate, said process comprising crystallising 4, 10-diacetoxy-2--benzoyloxy-5, 20-epoxy-1, 7 -dihydroxy-9-oxotax-11-en-13 -yl (2R, 3S)-3-benzoylamino-2-hydroxy-3-phenylpropionate (or paclitaxel) from a mixture of water and an aliphatic alcohol containing 1 to 3 carbon atoms, optionally in the presence of ascorbic acid and/or trifluoroacetic acid, then drying the product obtained under reduced pressure and then optionally maintaining it under conditions of relative humidity greater than 20%.

(Compl. Specn : 9 pages: Drgns. : 2 sheets)

Ind. Cl : 32F3d, 55E1 184428

Int. Cl.[4] : A 61K 31/00, C 07C 49/78, C 07 C 29/48.

AN IMPROVED PROCESS FOR THE PREPARATION OF A MIXTURE OF ACETOPHENONE AND PHENYL ETHANOL BY HYDROXYLATION OF ETHYL BENZENE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARK, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventor(s) :

1. ROBERT RAJA—INDIA
2. PAUL RATNASAMY—INDIA

Application For Petent No. 385/Del/96 filed on 23-02-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

10 Claims

An improved process for the preparation of a mixture of acetophenone and phenyl ethanol by hydroxylation of ethyl benezene which comprises reacting ethyl benzene with molecular oxygen in the presence of a solid catalyst consisting an organotransition metal complex wherein the hydrogen atoms of the said organotransition metal complex have been substituted by one or more electron withdrawing group such as halo, nitro or cyano groups partially or totally, at a temperature in the range of 20°C to 80°C, at a pressure in the range of 5 to 1000 psi optionally in the presence or absence of solvents, and a conventional promoter followed by isolating the mixture of acetophenone and phenyl ethanol formed by conventional methods.

(Compl. Specn. : 20 pages; Drgns. : nil sheet)

Ind. Cl. : 55C. 184429

Int. Cl.[4] : CO 7C—161/04.

AN IMPROVED PROCESS FOR THE PREPARATION OF ALKOXYCARBONYL ISOTHICYANATE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001. (INDIA) AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventor(s) :

1. UDAY TRIAMBAKRAJ BHALERAO (INDIAN)
2. AKASH N. PATWARI (INDIAN)
3. BOMMENA VITTAL RAO (INDIAN)
4. KALIKI BHARAMARAMBA (INDIAN),
5. ATMAKURI KRISHNAIAH (INDIAN)
6. SANGEM RAJARAM (INDIAN)
7. PRABHAKAR B. GAWALI (INDIAN)
8. BOREDA CHANRASEKHAR (INDIAN)
9. JIGURU SRIRAMA MURTHY (INDIAN).

Application for Patent No. 387/Del/96 filed on 23-02-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

7 Claims

An improved process for the preparation of alkoxycarbonyl isothiocyanate which comprises reacting alkylchloroformate and alkalithiocyanate at temperature in the range of 5°C to 15°C in the presence of water tertiary amine as the catalyst and optionally in the presence of water recovering the aloxy carbonyl isothiocyanate by known solvent extraction methods.

(Compl. Specn. : 10 pages; Drgns. : nil sheet)

Ind. Cl. : 83—A. 184430

Int. Cl.[4] : A 01 K—31/18.

PROCESSING OF MIXED CHICKEN LOAF.

Applicant : ASHOK KUMAR SACHDEV, RAM GOPAL AND SAHEB SINGH VERMA, CENTRAL AVIAN RESEARCH INSTITUTE, IZATNAGAR (U.P.)-243 122.

Inventor(s) :

1. ASHOK KUMAR SACHDEV—INDIAN
2. RAM GOPAL—INDIAN
3. SAHEB SINGH VERMA—INDIAN

Application for Patent No. 1783/Del/96 filed on 12-08-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

5 Claims

A process of preparing mixed chicken loaf comprising of washing, cleaning, deskinning, deboning and mincing of meant of broiler and Kadaknath birds separatelv, mixing of 25% by weight of said processed meat with black gram in the form of paste, adding and homogenising half of the weighed quantities of total recipe comprising mixture of spices, vegetable fat and other conventional ingredients of the kind herein described to the said two groups of processed meat, making a layer of broiler meat mix and spreading Kadaknath meat mix over it in the layer form of same thick ness, rolling the composite layer and freezing it at —18 degree Celsius for 20 hours.

(Compl. Specn. : 5 pages; Drgns. : 1 sheet)

Ind. Cl. : 98 I. 184431

Int. Cl.[4] : F 24 J 2/02.

A METHOD OF MAKING SEMICONDUCTOR COMPONENTS WITH DOPED AREAS.

Applicant : YOKOV SAFIR, A DANISH CITIZEN OF GIESEGAARDVEJ 104, DK—4100 RINGSTED, DENMARK.

Inventors : YAKOV SAFIR—DENMARK.

Application for Petent No. 1166/Del/91 filed on 28th Nov., 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

6 Claims

A method of making semiconductor components with doped areas comprising :

(i) applying to the surface of semiconductor substrate one source layer with dopent and optionally applying a second source layer with a second type of dopant to another portion of the source of the semi-conductor substrate;

(ii) heating the semiconductor substrate with the said sourcelayer to a temperature sufficient for diffusion of part of the dopant from the source layer to the semiconductor substrate, where also undersirable auto-doping of the unprotected surfaces of the semiconductor substrate takes place during the doping process; and

(iii) etching away the auto-doped areas of the semiconductor substrate, said source layer constituting a protective barrier for the underlying doped areas.

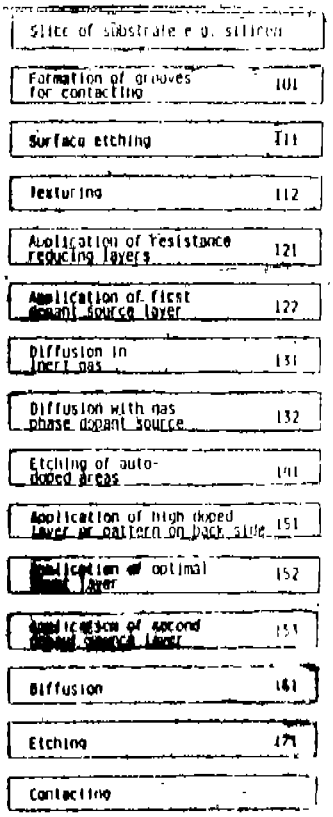


FIG 1

(Compl. Specn. : 18 pages; Drgns. : 3 sheets)

Ind. Cl. : 114 E, 114 F. 184432

Int. Cl.[4] : C 14 B, 17/10.

A DEVICE FOR SAMPLING OF PROCESS LIQUOR IN A LEATHER TANNING DRUM.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA.

Inventor(s) :

1. DURAISWAMY LAKSHMANAN—INDIA
2. CHELLAPPA MURALIDHARAN—INDIA
3. RAMASAMY JAGADEESWARAN—INDIA
4. HANUMANTU PURUSHOTHAM—INDIA
5. KONDAPURAM VIJAYARAGHAVAN—INDIA

Application for Patent No. 1280 Del/91 filed on 27-12-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

2 Claims

A device for sampling of proces liquor in a leather tanning drum which comprises a tanning drum (2) fitted with one or more taps (1) on peripheral wall to collect the samples of the liquor from the tanning drum into a semi-circular collector (3), the said collector (3) being fixed between the wall of the said tanning drum (2) and supporting leg (5), a tank (6) being fitted below the said collector (3) for holding the process liquor samples, the said tank (6) being connected by a pipe to the inlet of a pump/compressor (7), the outlet of the said pump/compressor (7) being connected through a pipe to a pH chamber (8), the said chamber (8) being connected by a tube to a hole in the centre shaft (9) of the said drum (2) through a bearing (10).

(Compl. Specn. : 7 pages; Drgns. : nil sheet)

Ind Cl. : 206 E. 184433

Int. Cl.[4] : H 04B 7/00.

A RECEIVER FOR RECEIVING TIME DOMAIN SIGNALS.

Applicant : LARR Y WAYNE FULLERTON, A U.S. CITIZEN OF 10003 BREWER DRIVE, HUNTSVILLE, ALABAMA 35810, UNITED STATES OF AMERICA.

Inventor(s) : LARRY WAYNE FULLERTON—U.S.A.

Application for Patent No. 1040/Del/92 filed on 12-11-92.

Divisional out of Patent Application No. 237/Del/89 filed on 13-03-89. Anted dated to 13-03-89.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

6 Claims

A receiver for receiving time domain signal transmissions transmitted as a pattern of short, intelligence pulses comprising :—

a broadband antenna;

a broadband amplified (94,252) coupled to said antenna (92, 115, 220) for amplifying said broadband signal; and for providing received signals;

a signal generator (106, 119, 234) for generating template signals, being signals varying in a time pattern which is a function of the time pattern of said pulses of said signal transmission and demodulation means (112, 114) 127, 222 comprising :—

multiplying means (226, 236,238) coupled to said signal generator (232, 234) and said broadband amplifier (252) and responsive to said template signals and said received signals for providing product signals, signals means (250) having integration means responsive to said product signals for providing an integral signal which is function of the integral of said product signal, and

signal responsive means (245, 258, 260) connected to receive said integral signal for reproducing intelligence from said received signals.

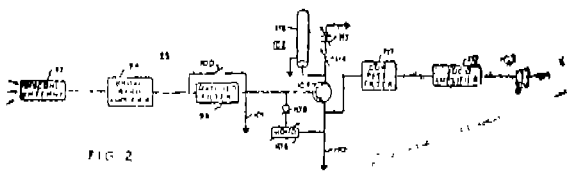


FIG 2

(Compl. Specn. : 28 pages; Drgns. : 5 sheets)

Ind. Cl. : 203 XXXVII (3). 184434

Int. Cl.[4] : B 41 F 1/28

DEVICE FOR CONVEYING PRINTED SHEETS IN AN INSTALLATION FOR CHECKING THE QUALITY OF PAPER MONEY.

Applicant : DE LA RUE GIORI S.A. 4, RUE DE LA PAIX, 1003 LAUSANNE, SWITZERLAND.

Inventor : ORLANDINI DANTE—ITALY.

Application for Patent No 134/Del/93 filed on 16th February, 93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

10 Claims

A device for conveying printed sheets in an installation for checking the quality of paper money particularly bank notes comprising :

—a cylinder (1, 21) having at least one bar of sheet-clamps (2, 22) for grasping the front edge of the sheet (3) to be conveyed;

—at least one detector (4) placed near the periphery of said cylinder (1, 21), characterized in that;

—calibrating strip (6) is provided in proximity to said detector (4) and is mounted in a movable manner with respect to the surface of the said cylinder (1, 21);

—means (12—15) for adjusting said strip (6) in order to set, in its operating position, the distance from this strip to the cylinder (1, 21) to value determined so that the sheet (3) to be examined hugs said cylinder (1, 21); and

—a mechanism (5) here-in discribed for lifting said strip (6) intermittently when the clamps (2, 22) pass below the strip (6) in order to avoid a collision between the clamp and said strip.

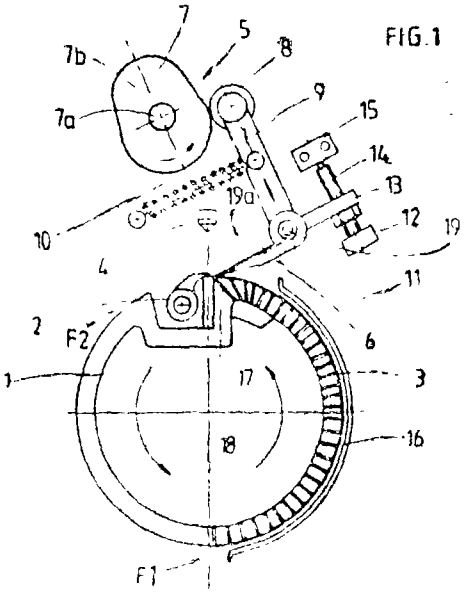


FIG.1

(Compl. Specn. : 10 pages; Drgns. : 2 sheets)

Ind. Cl. : 83 A.. 184435

Int. Cl.[4] : C 13 F. 1/00.

PRESERVATION PROCESS FOR IMPROVED SHELF LIFE OF SUGAR CANE JUICE (PURE).

Applicant : DR. KAMESHWAR PRASAD SHARMA, SENIOR BIOCHEMIST CUM SUGAR CONSULTANT; AN INDIAN NATIONAL, KAMA CHAYYA, 254-SHIV VIHAR, CITY SAHARANPUR, STATE OF UTTAR PRADESH, INDIA.

Inventor : DR KAMESHWAR PRASAD SHARMA—INDIAN.

Application for Patent No. 1534/Del/1995 filed on 17th August 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

10 Claims

A process for preserving the sugarcane juice with natural sweetness, colour, flavour and taste closely for improved shelf life providing fresh juice preferably from early maturing disease free soft canes, mild addition of lemon and ginger extracts, elimination of excess foreign material, pasteurization by heating said juice, edible salts containing less than customarily used amounts of food preservatives in the juice at room temperature, packaging said juice into sealed glass bottles and heating them in water bath for sterilization followed by slow cooling with circulating tap water to avoid breakage and finally store "Ready to Serve" bottled cane juice preferably at room temperatures.

(Compl. Specn. 9 Pages; Drng. Sheet Nil)

Ind. Cl. : 55E & 60X-2. 184436

Int. Cl.[5] : A61K 9/00, 9/20, 9/48.

A PROCESS FOR PRODUCING MEDICINAL AND/OR NURITIONAL MICROCAPSULES FOR ORAL ADMINISTRATION.

Applicant : FLAMEL TECHNOLOGIES, (SOCIETE ANONYME) A FRENCH COMPANY, OF 33, AVENUE DU DOCTEUR GEORGES LEVY, PARC-CLUB DU MOULIN A VENT, 69693 VENISSLEUX CEDEX, FRANCE.

Inventors :

1. PIERRE AUTANT
2. JEAN PHILIPPE SELLES &
3. GERARD SOULA (FRANCE).

Application for Patent No. 1913/Del/95 filed on 18-10-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

10 Claims

A process for producing medicinal and/or nutritional microcapsules for oral administration, containing at least one medicinal and nutritional active principle compound (A), with the exclusion of acetylsalicylic acid (ASA), characterized in that : said process comprises microencapsulating particles of AP each coated with at least one coating film as herein described essentially by the following steps :

(a) selecting and/or preparing, microparticles of AP with a particle size of between 50 and 1000 microns;

(b) preparing a coating composition by mixing together

— at least one polymer PI which is insoluble in the liquids of the digestive tract, present in a quantity of 50 to 90%, preferably 50 to 80% by weight of dry matter of the whole coating composition, and consisting of at least one non-hydrosoluble cellulose derivate, ethylcellulose and/or cellulose acetate being preferred ;

— at least one nitrogen containing polymer P2, present in a quantity of 2 to 25%, preferably 5 to 15% by weight of dry matter of the whole coating composition, and consisting of at least one polyacrylamide and/or one poly-N-vinylamide and/or one poly-N-vinyl-lactame, the polyacrylamide and/or the polyvinylpyrrolidone being preferred;

— at least one plasticizer present in a quantity of 2 to 20% preferably 4 to 15% by weight of dry matter of the whole coating composition, and consisting of at least one of the following compounds; glycerol esters, phtalates, citrates, sebacates, cetylalcohol esters, castor oil and cutin, castor oil being particularly preferred; and

— at least one surface active and/or lubricating agent present in a quantity of 2 to 20%, preferably 4 to 15% by weight of dry matter of the whole coating composition, and chosen from anionic surfactants, preferably the alkali metal or alkakine earth metal salts of fatty acids, stearic acid and/or oleic acid being preferred, and/or from nonionic surfactants, preferably poly-oxyethylenated esters of sorbitan and/or polyoxyethylenated esters of sorbitan and/or polyoxyethylenated derivatives of castor oil, and/or from lubricants such as stearates, preferably calcium; magnesium, aluminium or zinc stearate, or such as stearynmarate, preferably sodium stearynmarate, and/or glyceryl behenate, said agent comprising only one or a mixture of the above products, in a solvent system of the kind such as herein described;

(c) applying said coating composition/solvent system mixture to particles of AP.

(d) drying the microcapsules thus obtained, and

(e) optionally, mixing these microcapsules with at least one anti-agglomerating agent.

(Compl. Specn. 41 Pages; Drwngs. 4 Sheets)

Ind. Cl. : 55F. 184437

Int. Cl.[6] : A 61 K 9/00.

A PROCESS FOR PRODUCING AND EXPRESSING DEVR PROTEIN OF MYCOBACTERIUM TUBERCULOSIS.

Applicant : DIRECTOR, AN INDIAN NATIONAL OF ALL INDIA INSTITUTE OF MEDICAL SCIENCE, NEW DELHI-110 029, (INDIA).

Inventors :

1. JAY SIVASWAMI TYAGI, INDIA
2. NANDINI DAS GUPTA, INDIA
3. KRISHAN KUMAR SINGH, INDIA.

Application for Patent No. 2336 Del/95 filed on 15-12-95.

Complete left after provisional filed on 14-3-97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

5 Claims

A process for producing DevR protein for identifying Microbactirium Tuberculosis taking pJT 53 34, DNA into an Eppendorf tube, characterising said pJT 53.34 by DNA sequencing, subjecting said DNA sequence to open reading frame (ORF), analysis to identify DevR-coding region, subjecting said DevR-coding region to the step of PCR amplification, cloning amplified devR gene into expression vector pT 7-7 to construct pT-7-devR, introducing said expression construct into E. coli to produce said DevR protein.

(Prov. Specn. 5 Pages; Drng. Sheet Nil)
(Compl. Specn. 9 Pages; Drwngs. 2 Sheets)

Ind. Cl. : 55D2. 184438

Int. Cl.[6] : A 01 H 3/00.

A PROCESS OF PREPARING A HERBICIDAL COMPOSITION.

Applicant : HAMPSHIRE CHEMICAL CORP., HAVING A PLACE OF BUSINESS AT 55 HAYDEN AVENUE, LEXINGTON, MASSACHUSETTS 02173, UNITED STATES OF AMERICA.

Inventors :

1. BRIAN ANTHONY PARKER (USA) &
2. LONGIN VILADIMIR HOLEJKO (USA).

Application for Patent No. 2343/Del/95 filed on 18-12-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Karol Bagh, New Delhi-110005.

7 Claims

A process of preparing a herbicidal composition comprising reacting a prepolymer of the kind such as herein described with N-phosphonomethylglycine, optionally in the presence of water and/or surfactant to form a slurry, and neutralizing the resulting slurry with a base, wherein the ratio of N-phosphonomethylglycine to prepolymer is from 0.001 to 5.

(Compl. Specn. 28 Pages; Drwngs. 3 Sheets.)

Ind. Cl. : 32 F 1. 184439

Int. Cl.[6] : C 07 D - 213/61.

PROCESS FOR THE PREPARATION OF 5-SUBSTITUTED 2 CHLOROPYRINES.

Applicant : BAYER AKTIENGESELLSCHAFT, A BODY CORPORATE ORGANISED UNDER THE LAWS OF GERMANY, OF D-51368 LEVERKUSEN, GERMANY.

Inventors :

1. KLAUS JELICH, USA
2. HANS LINDEL, GERMANY
3. CHRISTOPH MANNHEIMS, GERMANY
4. REINHARD LANTZSCH, GERMANY AND
5. WALTER MERZ, GERMANY.

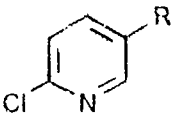
Application for Patent No. 2412/Del/95 filed on 26th Dec. 95.

Convention Application No. 19501478 2/DE/19-1-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110 005.

6 Claims

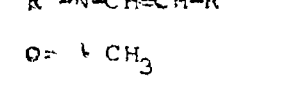
Process for the preparation of 5-substituted 2-chloropyridine, of the formula (I)



(I)

in which

R represents optionally substituted alkyl or aralkyl, by reaction of acetanamides of the formula (II)

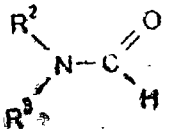


(II),

in which

R has the meaning indicated above

R^1 represents C_1-C_4 alkyl or aryl-C_1-C_4 alkyl, with vilsmeier reagent, which is prepared by reaction of formamides of the formula (III)



(III)

wherein R^2 and R^3 represent straight-chain, branched or cyclic C_1-C_6-alkyl with a chlorinating agent, the excess of which is removed from the reaction mixture by distillation or by addition of dialkylformamide after completion of the reaction of the vilsmier reagent with the acetenamide of the formula (II).

(Compl. Specn. 12 Pages; Drng. Sheet Nil)

Ind. Cl. : 32 F b. 60(5) 184440

Int. Cl.[5] : C 07 K 1/00 7/00, C 12 Q 1/00.

A PROCESS FOR THE PREPARATION OF A NOVEL SYNTHETIC PEPTIDE EPITOPE USEFUL FOR DIAGNOSIS OF ASPERGILLOSIS.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, AN INDIAN REGISTRED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACTS XXI OF 1860).

Inventors :

1. PURANAM USHA SARMA, INDIAN
2. TARUNA MADAN, INDIAN
3. SETURAM BANDACHARYA KATTI, INDIAN &
4. WAHAJUL HAQ, INDIAN.

Application for Patent No. 2456/DEL/95 filed on 29th Dec. 1995.

Complete left after Provisional filed on 17-3-97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

11 Claims

A process for the preparation of a novel synthetic peptide epitope useful for diagnosis of aspergillosis which comprises loading of suitably protected lysine attached with appropriately functionalized polystyrene resin by known methods in the presence of organic solvents such as herein described deblocking of the protecting moiety from the α-amino group of lysine, coupling a suitably protected asparagine using known coupling reagents, repeating the steps of coupling and deblocking using conventional methods with suitably protected lysine, leucine, proline, lysine, threonine, asparagine, lysine, tryptophan, glutamine, aspartic acid, lysine, lysine, lysine, lysine drying the resin coupled with desired peptide by known methods, cleaving of the peptide from the resin by acid treatment using the known procedures, neutralising the cleaved peptide with known methods, deblocking of the protecting groups of the side chains of the various amino acids, followed by hydrogenation and repeated precipitation to obtain the peptide with the sequence Lysyl-lysyl-leucyl-asparaginyl-prolyl-lysyl-threonyl-asparginyl-lysyl-tryptophan-glutaminyl-aspartyl-lysyl-lysyl-lysine (KKLNPKTNKWQDKKK) TO obtain said peptide epitope.

(Prov. Specn. 4 Pages; Drng. Sheet Nil

(Compl. Specn. 17 Pages; Drng. Sheet Nil)

Ind. Cl. : 83 A 1, 92 A 184441

Int. Cl.[5] : A 23 L 1/201.

A PROCESS FOR MANUFACTURE OF ENRICHED INSTANT RICE.

Applicant : INDIAN INSTITUTE OF TECHNOLOGY OF KHARAGPUR 721 302, INDIA.

Inventors :

1. PROF. P. K. CHATOPADHYAY.
2. MR. V. PALANIMUTHU.

Application No. 441/Cal/95 filed on 18-4-95.

Complete after Provisional left on 17-7-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

11 Claims

A process for preparing enriched instant rice which process comprises the following steps :—

(a) Subjecting optimal quality of parboiled rice from raw paddy to soaking with a first chemical such as herein described;

(b) draining out the water;

(c) steam cooking the rice under a pressure of 0—400 Kpa to obtain partially cooked rice;

(d) hydrating said partially cooked rice below gelatinization temperature as herein described;

(e) drawing and further steam cooking the rice under a pressure of 0—400 Kpa;

(f) washing the said steam cooked rice and subjecting the same to treatment with a second chemical such as herein described;

(g) dehydrating the rice in stages;

(h) screening the dehydrated rice & adding vitamins such as herein described in solution on the screened rice to obtain enriched instant rice.

(Compl. Specn. 9 Pages; Drgns. 01 Sheet)

Ind. Cl. : 128 G.

Int.[5] Cl. : A 61 F 13/18 18442

ABSORBENT SANITARY PRODUCT FOR THE ABSORPTION OF BODY LIQUIDS.

Applicant : THE PROCTER & GAMBLE COMPANY, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO 45202, UNITED STATES OF AMERICA.

Inventor : DR MARIA RAIDEL.

Application No. : 723/Cal/95 filed on 26-6-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

5 Claims

An absorbent sanitary product for the absorption of body liquids, especially sanitary napkins, diapers, incontinence napking or the like comprising

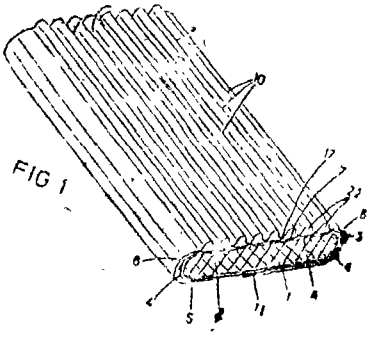
— a liquid-proof covering layer (1) on the back,

— a liquid-permeable covering layer (9), preferrably of nonwoven material, on the top and

— a absorbent body (2) inserted between the back and top covering layer (9,1),

Wherein the top covering layer (9) in the area of the absorbent body (2) is arranged in two or more folds (10) following the longitudinal direction of the product, wherein

the foot areas (16), directing towards the absorbent body (2) of the flods (10), are attached to the absorbent body (2) or to a support layer (7) inserted between the absorbent body (2) and the top covering layer (9) and wherein the food area (16) of the folds (10) are glued (17) or welded on the absorbent body (2) or the supported layer (7) over a width (F) of preferrably 0.2 - 10mm, characterised in that several, preferrably 2 - 10 folds (10) are provided on a partial lateral strip stop (18) of the absorbent body's surface (6) and/or a center strip (19).



(Comp specn. 09 pages. Drgns. 02 sheets).

Ind. Cl. : 152 F.

Int. Cl.[4] : C 08 L 101/04 184443

AN AQUEOUS POLYTERAFLUOETHYLENE DISPERSION.

Applicant : DAIKIN INDUSTRIES, LTD. OF UMEDA CENTER BUILDING, 4-12, NAKZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-FU, JAPAN

Inventor :

1. TOSHIRO MIURA.
2. YOSHIHIRO SODA.
3. TADAO HAYASHI.

Application No. : 902/Cal/95 filed on 03-08-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972), Patent Office, Calcutta.

06 Claims

An aqueous polyterafluoroethylene dispersion comprising polytetrafluoroethylene, a nonionic surfactant and a preservative selected from the group consisting of 2-idocetamide, 1,2-dibromo-2, 4-dicyanobutane, 2- (hydroxynethy lamino) - 2-methyl-1 - propanol and N, N', N" - trishydroxyethylhexahadro - s - triazine.

(Comp. Specn. 21 Pages. Drgns. Nil Sheets).

Ind. Cl. : 40 F. 184444

Int. Cl.[4] : F 01 N 7/06.

AN ARTICLE USEFUL FOR THE TREATMENT OF GASES EMITED BY GASOLINE ENGINES.

Applicant : ENGELHARD CORPORATION OF 101 WOOD AVENUE, ISELINE, NEW JERSEY 08830, UNITED STATES OF AMERICA.

Inventor :

1. ZHICHENG HU.
2. RONALD M HECK.

Application No. : 1035/Cal/95 filed on 29-8-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972), Patent Office, Calcutta.

34 Claims

An article useful for the treatment of gases emitted by gasoline engine comprising :

a gasoline engine having an exhaust outlet, and optionally an exhaust manifold having exhaust manifold outlet and characterised in that a close coupled catalyst in communication with the exhaust outlet or exhaust manifold outlet, the close coupled catalyst comprising a close coupled catalyt composition having substantially no oxygen storage components, the catalyst composition comprising :

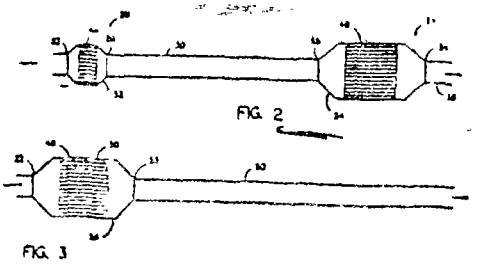
a support;

a palladioum component such as herein described;

Optionally at least one alkaline metal oxide selected from the group consisting of strontium oxide, calcuim oxide and barium oxide;

optionally at least one platinum group metal component selected from the group consisting of platinum, rhodium, ruthenium and iridium components;

optionally at least one rare earth oxide selected from the group consisting of neodymium oxide and lanthanum oxide, and optionally a second zirconium oxide.



(com. specn. 40 pages. Drgns. 02 sheets.

Ind. Cl. : 17917 184445

Int. Cl.[4] : B 67 B 3/00

A PILFER RESISTANT SEALING ELEMENT MADE OF FLEXIBLE PLASTIC FILM OR LAMINATE FOR USE OVER SEALED CLOSURES IN BOTTLES AND OTHER CONTAINERS.

Applicant : NADIA BASAK OF 12 DUFFER STREET, LILUAH, HOWRAH, STATE OF WEST BENGAL, INDIA.

Inventor : NADIA BASAK.

Application No. 1062/Cal/95 filed on 5-9-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

10 Claims

A pilfer-resistant sealing element made of flexible plastic film or laminate as herein described for use over sealed closures in bottles and other containers comprises a substantially cylindrical body prepared from cut-pieces of pre-determined sizes of the plastic and laminate materials having a top portion with a small opening being optionally covered with a metallinc foil, a depending skirt portion having a larger diameter compared to the top portion said body portion being formed by joining two ends of the plastic or laminate material, the joint extending verti-

cally and a tabu like member being engaged in the jooit pottion in a manner such that the sealing element is torn off when the tab is pulled, the tab being made of a relatively rigid member that does not break or tear on pulling.

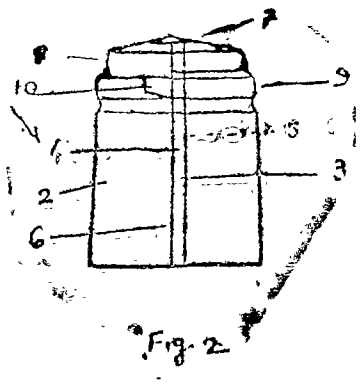


Fig. 2

(Compl. Specn. 7 Pages; Drgns. 1 Sheet.)

Ind. Cl. : 55 E_1 184446

Int. Cl.[4] : A61K 31/00

AN IMPROVED METHOD OF PREPARING A PURIFIED N-PROTECTED (2S, 3R) -1-HALO-2-HYDROXY-AMINO-4-PHENYLTHIOBUTANE OR ITS ENANTIOMER.

Applicant : KANEKA CORPORATION OF 2-4, NAKANOSHIMA 3-CHOME KITA-KU, OSAKA-SHI, OSAKA 530-8288, JAPAN.

Inventors :

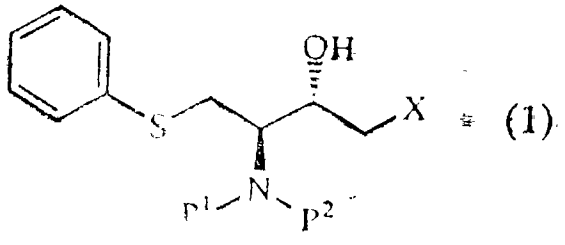
1. YOSUYOSHI UEDA.
2. KATSUJI MAEHARA.
3. TADASHI SUGAWA.
4. HIROSHI MURAO.
5. AKIRA NISHIYAMA.
6. HAJIME MANABE.

Application No. 1293/Cal/98 filed on 24-7-98. (Convention Nos. 9-219104 and 10-139310 on 29-7-97 & 21-5-98 in Japan).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

12 Claims

An improved method of preparing a purified N-protected (2S, 3R)-1-halo-2-hydroxy -3-amino-4-phenylthiobutane of the general formula (1) :



(1)

(wherein X represents a halogen atom ; one of P^1 and P^2 represents a hydrogen atom and the other represents an amino-protecting group, or P^1 and P^2 taken together represents an amino-protecting group) or its enantiomer, which comprises the steps :

(a) treating the compound of the general formula (1) or its enantiomer and an impurity occurring in said compound (1) or its enantiomer with an aromatic hydrocarbon solvent, such as herein described, or a mixure thereof, optionally in the presence of an auxiliary solvent other than the aromatic hydrocarbon solvent such as herein described.

(b) removing said impurity from the object compound of the general formula (1) or its enantiomer by crystalization or resulrry treatment ; and

(c) isolating the crystals of the object compound obtained by step (b) by solid-liquid separation, optionally followed by washing and drying the obtained cake;

Optionally in the presence of an inert gas throughout the steps (a), (b) and (c).

(Compl. Specn. 49 Pages; Drngs. Nil)

Ind. Cl. : 27 I 184447

Int. Cl.[4] . E 04 F 11/04

CIRCULATABLE LADDER.

Applicant : DOVID LIOU OF 40 TZU CHIANG RD, CHUNG HO, TAIPEI HSIEN, TAIWAN, REPUBLIC OF CHINA.

Inventor : DAVID LIOU.

Application No. 1337/Cal/95 filed on 30-10-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Calcutta.

10 Claims

A circulatable ladder comprising :

a track set;

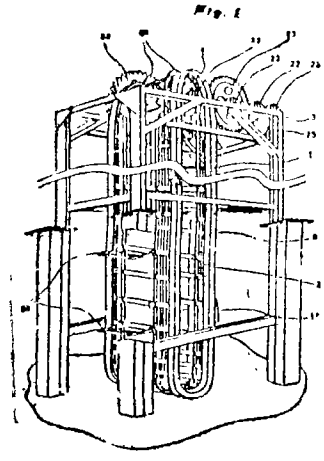
a circulatable chain mounted along the track set;

a securing device adapted to be secured to a building for securing thereon the track set; and

a decelerator mounted on said securing device for slowing down a circulating speed of said circulated chain; the decelerator comprising at least one wind resistor;

said wind resistor comprises at least one wind leaf having a sub-leaf and a spring mounted between said sub-leaf and said wind leaf;

wherein the circulatable chain comprises a plurality of shafts respectively parallely spacedly mounted in the track set and a plurality of flat plates each of which is engaged with two adjacent shafts.



(Compl. Specn. 12 Pages; Drgns. 10 Sheets.)

Ind. Cl. : 47 A & 47 E. 184448

Int. Cl.[4] : C 10 B 47/10.

AN APPARATUS FOR CONTINUOUSLY PRODUCING METALLURGICAL COKE AND A METHOD FOR THE SAME.

Applicant & Inventor : ALBERT CALDERON, OF 1065 MELROSE, BOWLING GREEN, OH 43402, UNITED STATES OF AMERICA.

Application No 1399/Cal/95 dated November 6, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

15 Claims

An apparatus for continuously producing metallurgical coke from coal comprising :

(a) at least one coking chamber having an annuals which is defined by an outer wall, an inner wall and a space between the two walls to contain the material to be carbonized;

(b) a first flue assembly for the passage of hot flue gases in order to indirectly heat the material within said annuals by conduction in the opposite direction, to result in heating said material in said annulas bi-directionally to produce a coke and a raw gas ;

(c) a charging mechanism to force feed the material to be carbonized into one end of said annulas by compaction while forcing the discharge of the carbonized material from the opposite end of said annulas.

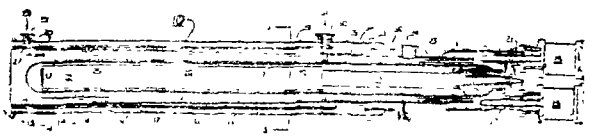


FIG 1

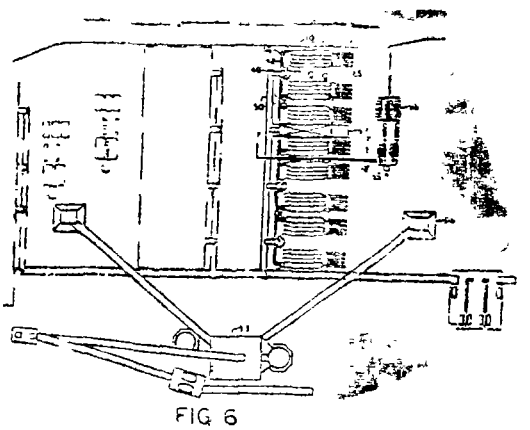


FIG 6

(Compl. Specn. : 12 pages; Drgn. : 2 sheets)

Ind. Cl. : 206 E 184449

Int. Cl.[4] : H O 4 M 9/08.

HAND-FREE TELEPHONE FOR A DIGITAL COMMUNICATIONS TERMINAL.

Applicant : SIMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY.

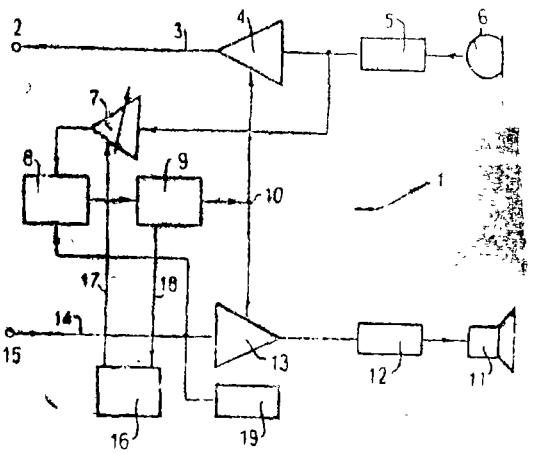
Inventor : WILLEM NIJMOLEN.

Application No. : 1626/Cal/95 filed on 12-12-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

2 Claims

Hands-free telephone (1) for a digital communications terminal, having a transmitted signal path (3) and a received signal path (15), adjustable attenuation stages (4, 13) being provided in both signal paths (3, 14) which attenuation stages (4, 13) are driven by an attenuation controller (9) and having at least one speech signal comparator (8) which is connected on the input side to the two signal paths (3, 14) and on the output side to the attenuation contoller (9) characterized in that an amplifier (7) having variable gain is connected upstream of the speech signal comparator (8) in the direction towards the transmitted signal path (3) to control device 16 via line 17, and in that a tone generator (19) is provided which is connected to the received signal path (14).



(Compl. Specn. : 7 pages; Drgn. : 1 sheet)

Ind. Cl. : 15 C, D 184450

Int. Cl.[4] : F 16 C, 43/02, 17/00

A SLIDE BEARING COMPRISING A BUSH.

Applicant : HITACHI CONSTRUCTION MACHINERY CO. LTD. OF 6-2 OHTEMACHI 2-CHOME, CHIYODA KU, TODYO 100, JAPAN.

Inventors :

(1) HIDEKI AKITA
(2) MAKOTO OOTA
(3)HIDEAKI NAKATANI
(4) KAZUYOSHI HATANO
(5) MANABU OGASAWARA

Application No. 762/Cal/98 filed on 28 April 1998.

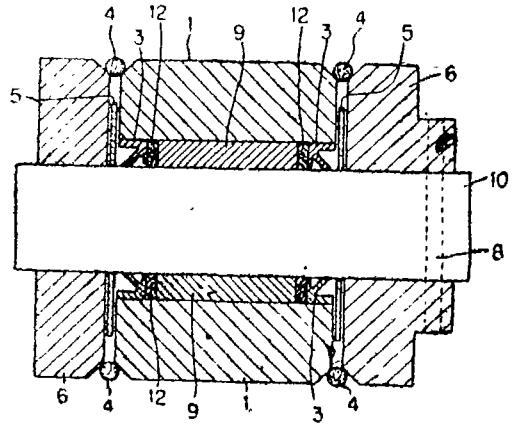
(Divided out of No. 814/Cal/94; ante-dated to 5-10-94).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

8 Claims

A slide bearing comprising a bush for supporting a shaft, said bush is formed of a porous iron—base sintered material, the improvement wherein said bush is impregnated with a lubricant oil having a viscosity in the range from 240 to 1500 cSt.

FIG.1



(Compl. Specn. 22 pages; Drgns. : 09 sheets)

Ind. Cl. : 40 B & F 184451

Int. Cl.[4] : B 01 J 38/00.

A PROCESS FOR PRODUCING REGENERATED CATALYST.

Applicant : INSTITUT FRANCAIS DU PETROLE A FRENCH COMPANY OF 4 AVENUE DE BOIS PREAU 92506 RUEIL MALMAISON CEDEX FRANCE.

Inventors :

(1) BONIFAY REGIS (FRANCE)
(2) GAUTHIER THIERRY (FRANCE)
(3) PONTIER RENAUD (FRANCE)
(4) HOFFMANN FREDERIC (FRANCE).

Application No. 386/Mas/94 dated May 9, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

10 Claims

A process for producing regenerated catalyst in a continuous fluidised bed regeneration process from used catalyst containing coke

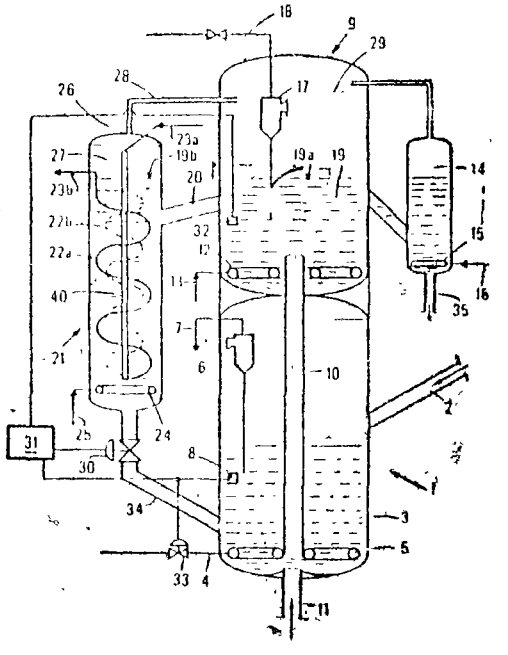
wherein the catalyst is regenerated in at least one fluidised bed regeneration zone at least a portion of said catalyst is extracted from said zone

said portion of catalyst in the regeneration zone and a portion of the regeneration fumes are transported by a downwardly inclined conduit to an external thermal regulation or exchange zone having an axis of symmetry and containing at least one thermal exchange tube array

said tube array being wound or disposed such that the descending fluidised catalyst intersects the tubes over the cross section of said exchange zone in which a vaporisable cooling fluid circulates.

said conduit connecting the dense bed of the regeneration zone to the thermal exchange zone and opening thereinto at a junction point located such that a dense catalyst bed is established from the lower extremity to a point above said junction point substantially at the level of the catalyst in the regeneration zone and a release zone is established of appropriate volume above said dense bed to the upper extremity of the exchange zone the catalyst is cooled in said dense bed thermal exchange zone under indirect thermal exchange conditions and with adequate fluidisation in the presence of a fluidisation gas containing oxygen the catalyst circulating downwards counter current to the fluidisation gas flow direction the catalyst is seperated from the fluidisation gas and any regeneration fumes in said release zone volume.

said gases and fumes are evacuated from the release zone and transported to the dilute phase above the dense bed in the regeneration zone and the cooled catalyst is recycled from the lower portion of the thermal exchange zone to the regeneration zone.



(Compl. Specn. : 27 pages; Drgn. : 1 sheet)

Ind. Cl. : 39 (e) 184452

Int. Cl.[4] : C 09 C 1/48.

A PROCESS AND APPARATUS FOR PRODUCING CARBON BLACKS.

Applicant : CABOT CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, 75 STATE STREET, BOSTON, MASSACHUSETTS 02109-1806, USA.

Inventor : 1. ALLAN C MORGAN.

Application No. 388/Mas/94 filed on 10th May 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

20 Claims

A process for producing carbon blacks comprising the steps of reacting a fuel, such as herein described, with an oxidant, such as herein described, and a carbon black yielding feedstock to obtain a reaction stream, reacting the reaction stream with additional oxidant to generate a stream of combustion products; reacting the stream of combustion products with additional carbon black yielding feedstock under conditions that reduce the amount of fuel utilised per pound of carbon black to produce the total amount of carbon black separated and recovered, including carbon black in the reaction stream and addition carbon black produced by reacting the reaction stream with the additional oxidant and the additional carbon black yielding feedstock when compared to the amount of fuel utilized per pound of cabron black to form the reaction stream; cooling, separating and recovering the carbon black in the known manner.

(Compl. Specn. : 32 pages; Drgn. : 1 sheet)

Ind. Cl. : 32 E 184453

Int. Cl.[4] : C 08 F 226/00.

A PROCESS FOR PREPARING COPOLYMERS OF 1-VINYLIMIDAZOLE AND 1-VINYLPYRROLIDONE.

Applicant : BASF AKTIENGESELLSCHAFT, A GERMAN JOINT STOCK COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY, WITH A REGISTERED OFFICE AT 67056 LUDWIGSHAFEN, FEDERAL REPUBLIC OF GERMANY.

Inventors :

(1) UERGEN DETERING
(2) WALTER DENZINGER

Application No. : 390/Mas/94 filed on 10 May 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

5 Claims

A process for preparing a copolymer of 1-vinylimidazole and 1-vinylpyrrolidone, which comprises free-radical polymerization of mixtures of 1-vinylimidazole and 1-vinylpyrrolidone in C_1-C_4- alcohols, water, or mixtures of water and at least one C_1- to C_4- alcohol in the presence of known polymerization regulators which contain sulfur in bound form under known polymerization condition to produce copolymers having a K value of from 10 to 40 determined by the method of H. Filkentscher in 0.1 N aqueous sodium chloride solution at 25°C with a polymer concentration of 1% by weight and recovering said copolymer by known methods.

(Compl. Specn. : 13 pages; Drgn. : Nil Sheet)

Ind. Cl. : 27 E, I 184454

Int. Cl.[4] : E 04 B 7/00.

A METHOD OF CONSTRUCTING A ROOF FOR ALL TYPES OF BUILDINGS AND SHELTERS.

Applicant : SRI KRISHNA, AN INDIAN CITIZEN, OF 105 METTU STREET, AYANAVARAM, MADRAS-600023, TMILNADU, INDIA.

Inventor : (1) SRI KRISHNA,

Application No. : 412/Mas/94 filed on 18th May, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

3—217GI/2000

7 Claims

A method of constructing a roof for all types of buildings and shelters, comprising :

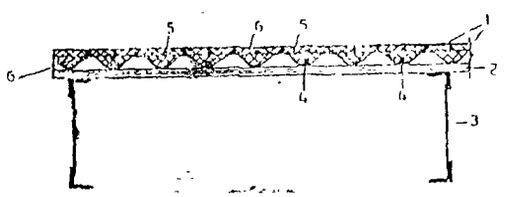
(i) providing a base layer made of corrugated sheets of the kind such as herein described;

(ii) laying bar modules directly in the grooves of the said corrugated base layer in the direction of corrugation;

(iii) placing a fabricated reinforcement on the said corrugated base layer;

(iv) pouring a cement concrete mixture of 30mm to 50mm thickness on the said base layer, said bar modules and said fabricated reinforcement and

(v) curing the said cement concrete mixture and thereby producing the roof for buildings and shelters.



(Compl. Specn. : 11 pages; Drgns. : 02 sheets)

Ind. Cl. : 98 G, E 184455

Int. Cl.[4] : B 01 J 8/26, F 23 C 11/02

"AN APPARATUS FOR PROCESSING BED MATERIAL IN A FLUIDIZED BED REACTOR".

Applicant : FOSTER WHEELER ENERGIA OY, SENTNERIKUJA 2, 00440 HELSINKI, FINLAND, A FINNISH COMPANY.

Inventor : 1. TIMO HYPPANEN.

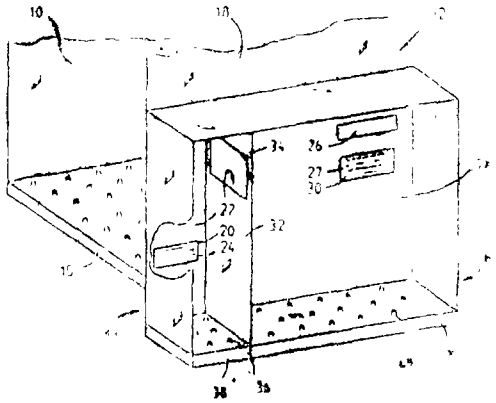
Application No. 415/Mas/94 filed on 19th May 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

14 Claims

An apparatus for processing bed material in a fluidized bed reactor, comprising a reactor chamber, with side walls defining the interior of said reactor chamber; and a fluidized bed of solid particles in the lower part of said reactor chamber; said fluidized bed reactor comprising a lifting chamber connected to a lower part of said reactor chamber; an outlet duct connecting said reactor chamber with said lifting chamber, said outlet duct being disposed at a first level in said reactor chamber, for discharging solid particles from said reactor chamber into said lifting chamber; a processing chamber having a bed of solid particles; a connector duct connecting an upper part of said lifting chamber with said processing chamber at a second level, higher than said first level; nozzles of grid for introducing conveying gas into said lifting chamber for pneumatically conveying solid particles form said lifting chamber through said connecting duct into said lifting chamber; heat transfer surfaces for cooling solid particles in said processing chamber; and a first inlet duct connecting said processing chamber with said reactor chamber, said first inlet duct disposed at a third level, higher

than said first level, for recycling processed solid particles with the conveying or fluidizing gas from said processing chamber into said reactor chamber



(Compl. Specn. : 18 pages; Drgs : 4 sheets)

(Compl. Specn. : 13 pages; Drgs : 2 sheets)

Ind. Cl. : 90 D, E 184456

Int. Cl.[4] : C 03 B 07/00

"A MOLTEN GLASS GOB DISTRIBUTOR".

Applicant : OWENS BROCKWAY GLASS CONTAINER INC., ONE SEAGATE, TOLEDO, OHIO 43666, U.S.A. A U.S. COMPANY.

Inventors :

1. LEONARD D. STEFFAN
2. D. WAYNE LEIDY.

Application No. 429/Mas/94 filed 23rd May 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

4 Claims

A molten glass gob distributor (10) for a glass article manufacturing system that has a plurality of gob discharge means (18, 20, 22), and means for receiving gobs from each of said discharge means and distributing said gobs among a plurality of article forming means (35a, 35b, 35c), said receiving and distributing means comprising :

a plurality of scoops (12, 14, 16) each having an upper and disposed beneath an associated discharge means and a lower end, means (24, 26, 28) mounting each said scoop to rotate about a fixed axis such that said upper end remains positioned beneath the associated said discharge means and the lower end swings through an arc,

a plurality of electric motors (48, 50, 52) individually coupled to said mounting means for selectively and individually rotating said scoops, and

motor controll means having sensor means (R1, R2) coupled to said plurality of motors for synchronizing the operation of said motors and the rotation of said scoops to each other and to the operation of said forming means.

characterizing in that said motors (48, 50, 52) comprise respective three phase a.c. servo motors.

a gear box (42, 44, 46) is operatively coupling each said motor (48, 50, 52) to the associated scoop (12, 14, 16) and

said sensor means has a first sensor (R1) being coupled to the associated said motor such that the resolution of said first sensor (R1) is multiplied by the gear ratio of said gear box (42, 44, 46).

Ind. Cl. : 206-F 184457

Int. Cl.[4] : H 04 L 27/22

APPARATUS FOR USE IN EQUIPMENT PROVIDING A DIGITAL RADIO LINK BETWEEN A FIXED AND A MOBILE RADIO UNIT.

Applicant : ROKE MANOR RESEARCH LIMITED A BRITISH COMPANY OF ROKE MANOR, ROMSEY HAMPSHIRE SO51 OZN UNITED KINGDOM.

Inventors :

(1) ANTHONY PETER HULBERT (ENGLAND)

(2) DAVID PETER CHANDLER.

Application No. 464/Mas/94 dated June 1, 1994.

Convention date : June 2 1993 ; (No. 93111373.6 ; Great Britain).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

15 Claims

Apparatus for use in equipment providing a digital radio ink using direct sequence spread spectrum between a fixed and mobile radio unit, said apparatus including a Rake receiver comprising at least one Rake finger having a complex digital correlator for generating inphase and quadrature phase despread signals by correlating a received spread spectrum signal with a locally generated representation of a spreading code used to generate said received spread spectrum signal first and second chennel estimators which serve to generate inphase and quadrature phase channel impulse response coefficients which are fed respectively to first and second multipliers which operate to scale said in phase and quadrature phase despread signals by said in phase and quadrature phase coefficients thereby substantially mitigating effects of a radio propagation path through which said received spread spectrum signal has passed so as to provide at an output of said first and second multipliers an estimate of a detected symbol which detected symbol estimate is fed to a switching arrangement which operates to feed said detected symbol estimate to an accumulator in dependence upon the amplitude of at least one of said detected symbol estimate and said in phase and quadrature-phase channel impulse response coefficients compared to a predetermined threshold wherein said detected symbol estimate is precluded from an accumulated estimate of said detected symbol when said estimate is below said predetermined threshold thereby substantially mitigating effects of noise in said detected sym-

bol said multipliers said switching arrangement said correlator and said channel estimarots being part of said at least one Rake finger.

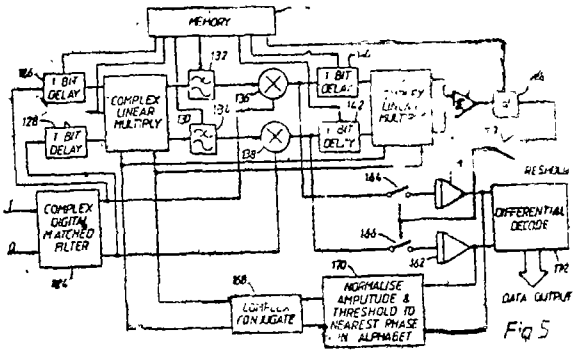


Fig 5

Compl. Specn. 35 pages; Drgns. 6 sheets

Ind. Class : 108 C 3 184458

Int. Cl.[4] : B 22 D 41/02
F 27 D 1/16.

"A MOLTEN METAL HANDLING VESSEL AND A METHOD OF MANUFACTURING THE SAME".

Applicant :
FOSECO INTERNATIONAL LIMITED,
A BRITISH COMPANY OF 285 LONG ACRE,
NECHELLS, BIRMINGHAM,
B7 5JR, ENGLAND.

Inventors :
(1) JOHN SANKEY
(2) DENNIS SUTTON.

Application No. 469/Mas/94 filed on 02 June 1994.

(Convention No. 9313141.5 on 25-06-93 in U. K.)

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

20 Claims

A method of manufacturing a molten metal handling vessel having an outer metal casing lined with a relatively permanent lining and an inner expandable lining to contact the molten metal, in which an expendable lining is sprayed over the relatively permanent lining of the vessel and the lining is dried, characterised in that an impregnant coating of greater refractoriness than the expendab.e lining is applied to the substantially dried expendable lining whereby the permeability of the lining is reduced.

(Com. Specn. : 14 pages; Drgs : Nil Sheet).

Ind. Cl. : 9 D 184459

Int. Cl.[4] : C 21 C 5/00.

"A PROCESS FOR PRODUCING A NOVEL DUPLEX STAINLESS STEEL ALLOY".

Applicant :
SANDVIK AB,
A SWEDISH COMPANY,
S-811 81 SANDVIKEN, SWEDEN.

Inventors :
1. PASI KANGAS
2. BERTIL WALDEN
3. GORAN BERGLUND
4. MICHAEL NICHOLLS.

Applicaatoin No. 529/Mas/94 filed on 20th June 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

14 Claims

A process for producing a novel duplex, stainless steel alloy by known alloy making technique, wherein said alloy comprises the following elements in weight percentage :—

C—max. 0.05
Si—max. 0.8
Mn—0.3—4
Cr—28—35
Ni—3—10
Mo—1.0—4.0
N—0.2—0.6
Cu—max. 1.0
W—max. 2.0
S—max. 0.010
Ce—0—0.2

the balance thereof being Fe and impurities and additives known in the art the derrite content of said alloy being 30—70% by volume.

(Comp. Specn. 26 pages; Drgs. 3 sheets).

Ind. Cl. : 107 F 184460

Int. Cl.[4] : F 02 B 41/00.

"A DEVICE FOR USE IN AUTOMOBILES FOR AUTOMATICALLY INCREASING THE RESPONSE OF THE VACUUM ADVANCE UNIT OF THE IGNITION DISTRIBUTOR FOR ENHANCING FUEL ECONOMY".

Applicant :
LUCAS-TVS LIMITED,
PADI, CHENNAI-600 050, TAMIL NADU, INDIA,
A COMPANY DULY ORGANISED AND EXISTING UNDER THE LAWS OF THE UNION OF INDIA.

Inventors :
1. KRISHNAVILASAM RAGHAVAN ANANDAKUMARAN NAIR.
2. RAMACHANDRAN VENKATARAMANAN.
3. REVANUR HARINDRANATH SUDHAKAR.

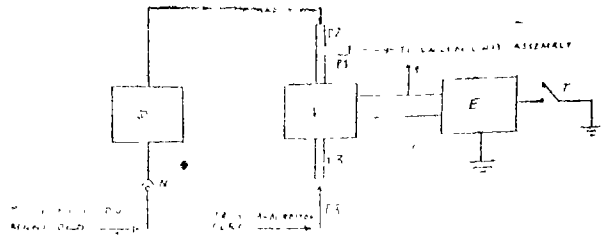
Application No. 549/Mas/94 filed on 24th June 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules. 1972), Patent Office, Chennai Branch.

03 Claims

A device for use in automobiles for automatically increasing the response of the vacuum advance unit of the ignition distributor, for enhancing fuel economy, comprising a valve member provided with first, second and third ports respectively connectable to (1) the distributor vacuum unit (2) the induction manifold through a chamber provided with a non-return valve for retaining the pressure in said chamber and (3) the carburettor port; means for sensing the opening of the throttle and for causing the said valve member to connect

the first and second ports together, momentarily, keeping the third port blocked; and, thereafter, to connect the first and third ports together, keeping the second port blocked.



(Comp. Specn. : 8 Pages; Drgs : 2 Sheets).

Ind. Cl. : 189 184461

Int. Cl.[5] : C 11 B 9/00.

"A PROCESS FOR EXTRACTING A FLAVOUR/FRAGRANT COMPONENT FROM A MATERIAL OF NATURAL ORIGIN".

Applicant :
ADVANCED PHYTONICS LIMITED,
A BRITISH COMPANY,
54 LITTLE HORTON LANE,
BRADFORD, ENGLAND.

Inventor :
1. DR. PETER FREDERICK WILDE.

Application No. 116/Mas/94 filed on 22nd February 1994.

Convention No 9303546.7 on 22nd February 1993 in British.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Chennai Branch.

9 Claims

A process for extracting a flavour/fragrant component from a material of natural origin such as herein described, said process comprising the steps of :—

(a) extracting said material with tetrafluoroethane optionally in the presence of other halogenated hydrocarbon solvents to extract the flavour/fragrant component therefrom,

(b) and subsequently removing the solvent by known methods to separate the extracted flavour/fragrant component therefrom.

(Comp. Specn. 24 pages; Drgs. Nil sheets).

Ind. Cl : 39K, 153, 170A 184462

Int. Cl.[5] : C 09 K 3/14.

"A METHOD OF PRODUCING ARTICLES HAVING ABRADED SURFACES"

Applicant :
NORTON COMPANY,
A U S COMPANY,
1 NEW BOND STREET, WORCESTER,
MASSACHUSETTS 01615-0008, USA.

Inventors :
1. CRISTAN ELLISON-HAYASHI
2. SHIH YEE KUO
3. GEORGE T EMOND

Application No. 205/Mas/94 filed on 22nd March 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

5 Claims

A method of producing articles such as herein described having abraded surfaces comprising the steps of :—

(a) providing an abrassive powder containing at least 70wt% of boron suboxide (Bxo) composition having KHN_{100} of greater than 3800kg/mm^2, said abrasive powder having an average particle size between from 0.005 microns to 500 microns, and the individual particles are made up of grams finer than about 150 microns, the balance being made up of conventional abrasive and additives;

(b) bringing said abrasive powder into contact with the surface of said article,

(c) and abrading said surface with said abrasive powder to produce articles with abraded surfaces.

(Compl. Specn. 39 pages; Drgs. Nil sheet)

Ind. Cl. : 206 E 184463

Int. Cl.[5] : H 04 L 7/00.

"AN APPARATUS IN A NETWORK INTERFACE UNIT FOR DETERMINING THE SKEW INTERVAL IN A LONG RANGE DIGITAL NETWORK".

Applicant :

AMERICAN STERLING COMMUNICATIONS,
A DELAWARE LIMITED LIABILITY COMPANY,
OF 9800 MUIRLANDS BLVD., IRVINE.
CALIFORNIA 92618, U. S. A.

Inventors :

1. ROBERT P. McNAMARA
2. AMAR CHAND AMAR
3. PRABHAKARA CHOWDARY BALLA
4. HUNG CHEUNG PON
5. CHUAN-LUNG CHAO
6. CHONGZHEN WANG.

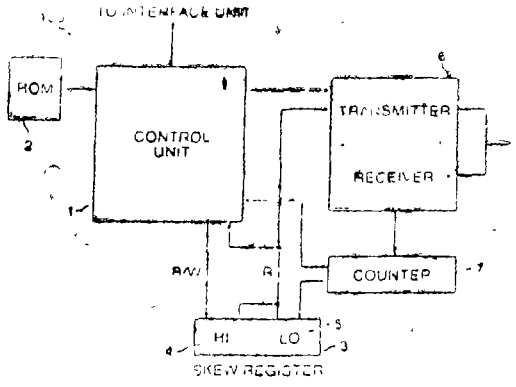
Application No. 206/Mas/94 filed on 22nd March 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

3 Claims

An apparatus in a network interface unit for determining the skew interval in a long range digital network comprising: storing means (3) for storing a pre-skew interval based on geographical distance of said network interface unit from a headend unit of said digital network; transceiver (6) coupled to said storing means (3) for transmitting a signalling packet at said pre-skew interval prior to a timing clock signal and for receiving said signalling packet; a counter (7) coupled to said transceiver (6) for counting clock cycles following the timing clock signal until the signalling packet is returned

and a controller (1) coupled to said counter (7) and said storing means (3) for controlling the pre-skew interval and retransmission of the signalling packet.



(Comp. Specn. 10 pages; Drgs. 3 sheets).

Int. Cl. : 130 F&G 184464

Int. Cl.[4] : C 22 B 9/05

A PROCESS FOR TREATING CARBON CONTAINING MATERIAL.

Applicant : AUSMELT LIMITED OF 2/13, KITCHEN ROAD, DANDENONG VICTORIA 3175, AUSTRALIA.

Inventors :

(1) JOHN MILLICE FLOYD, (AUSTRALIA).
(2) CARL PETER JEPEE, (AUSTRALIA).
(3) ROBERT WALTER MATUSEWICZ, (AUSTRALIA),
(4) KENNETH ROLAND ROBILLIARD, (AUSTRALIA).

Application No. 264/Mas/94 dated April 5, 1994.

Convention date : April 6, 1993 : (No. PL8167 ; Australia).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Chennai Branch

13 Claims

A process for treating carbon containing material in which the carbon is present as free or elemental carbon and which is contaminated with toxic elements wherein the carbon containing material is in particulate form; wherein;

(1) the carbon containing material is charged into a bath of fluid slag contained in a top-submerged lancing reactor and smelted in said fluid slag

(2) an oxygen-containing gas is injected into the slag during the smelting, by a top-submerged lance, to combust substantially all of the carbon content of the carbon containing material, and

(3) volatilisable toxic elements are discharged in reactor off-gas as fume and non-volatilisable toxic elements are substantially fully incorporated in the slag; wherein the process is conducted at a temperature of from 1100°C to 1400°C, and the slag in which the carbon containing material is smelted:

(a) is a silica slag containing iron oxide, and

(b) has the iron oxide present in the slag at a level such that the iron oxide acts as an oxygen carrier enhancing combustion of the carbon content of the carbon containing material by the reactions;

$$2FeO(slag) + \tfrac{1}{2}O_2 = 2FeO_{1.5(slag)} \quad (1) \text{ and}$$

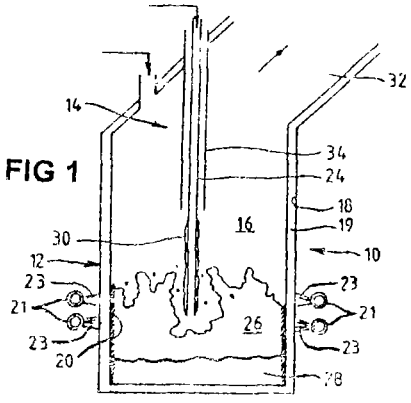
$$2FeO_{1.5(slag)} + C = 2FeO_{(slag)} + CO \quad (2)$$

with these reactions being maintained by turbulence in the slag generated by the top-submerged injection of the oxygen-containing gas; and

wherein the reactor off gas is subjected to post combustion in the rector, in or above the salg, whereby CO generated by reaction (2) and h_2 liberated or generated during smelting are converted to CO_2 and H_2O and resultant heat energy is released to the slag.

Ref : U.S. Patent Nos. 4,735,784; 4,065,551; 4,113,832; 4,158,701; 4,160,809; 4,362,701 & 4,444,740

FIG 1



Compl. Specn. 33 Pages; Drgns. 2 Sheets.

Ind. Cl. : 40 F 184465

Int. Cl.[4] : C 10 G-53/08, C 10 G-32/02

A PROCESS FOR THE PREPARATION OF A HYDROCARBON CRACKER FEED WITH REDUCED MERCURY AND/OR OTHER HEAVY METAL CONTENT.

Applicant : DSM N.V., A DUTCH COMPANY, OF HET OVERLOON 1, 6411 TE HEERLEN, THE NETHERLANDS.

Inventors :

1. GEERT IMELDA VALERE BONTE.
2. JOHANNES CORNELIUS JACOB DE KOCK.

Application No. 288/Mas/94 filed on 12th April 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

9 Claims

A process for the preparation of a hydrocarbon cracker feed with reduced mercury and/or other heavy metal content, said process comprising removing the mercury and/or other heavy metals from the cracker feed by :

(a) passing the cracker feed through an adsorbent such as herein described,

(b) filtering the cracker feed by magnetic filtration wherein the magnetic filter is periodically regenerated.

Compl. Specn 10 Pages; Drgns. Nil Sheet.

Ind. Cl : 206 E 184466

Int. Cl[4] : H 04 N-9/00

A MULTIMEDIA TELECOMMUNICATIONS NETWORK.

Applicant : AT&T CORP. OF 32 AVENUE OF THE AMERICAS, NEW YORK, NY-10013-24.2, USA. A US COMPANY.

Inventors :
(1) S. R. AHUJA.
(2) J R ENSOR.
(3) R S RAMAMURTHY.
(4) PETER H STUNTEBECK.
(5) R P WEBER.
(6) M ARAVAMUDAN
(7) A K KUTHYAR.

Application No. 305/Mas/94 filed on 18 April, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch

12 Claims

A multimedia telecommunications network comprising at least one node (20 to 27) for competing telephone calls between selected subscribers connected to the network, and at least one virtual services complex (28) associated with at least one of nodes for providing multimedia telecommunications services for subscribers connected to the network, said virtual services complex (28)-comprising at least one media bridge which provides said connection between the subscribers and the network, and at least one virtual services server (110, 112, 114, 116) connected to the network, said virtual services server having a call processor which handles calls made to the virtual services complex by the subscribers and made to the complex by automatic calling equipment in the network.

Compl. Specn. 48 Pages; Drgns .17 Sheets.

Ind. Cl. : 6-B,&2 and 40-E&F 184467

Int. Cl.[4] : F 25 J 3/02

A METHOD AND APPARATUS FOR PRODUCING OXYGEN AND NITROGEN ENRICHED STREAM FROM AIR.

Applicant : THE BOC GROUP PLC, AN ENGLISH COMPANY OF CHERTSEY ROAD, WINDLESHAM SURREY GU20 6HJ, ENGLAND.

Inventor : THOMAS RATHBONE, (GREAT BRITAIN).

Application No. 323/Mas/94 dated April 21, 1994.

Convention dated July 5, 1993 ; (No. 9313839.4 ; Great Britain).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

27 Claims

A method of producing oxygen and nitrogen enriched stream from air comprising the steps of

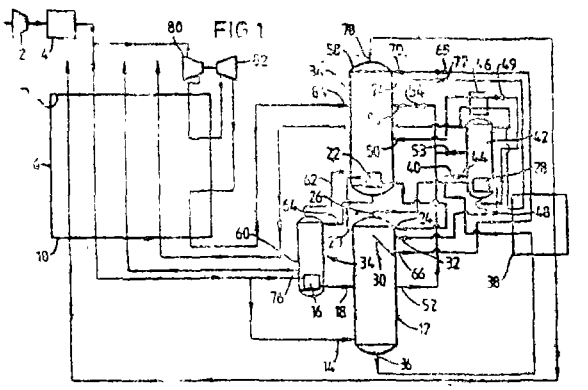
(a) separating pre-cooled and purified air in a high pressure rectifier into oxygen enriched liquid and nitrogen vapour;

(b) separating said stream of the oxygen enriched liquid at a pressure between the pressure at the top of the high pressure rectifier and that at the bottom of a low pressure rectifier so as to for a liquid further enriched in oxygen and an intermediate vapour ;

(c) separating said stream of the further enriched liquid in the low pressure rectifier into oxygen and nitrogen ; and

(d) providing liquid nitrogen reflux for the high and low pressure rectifiers part of which is formed by condensing a stream of said nitrogen vapour by indirect heat exchange with liquid from an intermediate mass transfer region of the low pressure rectifier.

FIG 1



Compl. 34 pages ; Drwgs. 8 sheets

Ind. Cl. : 64 B 1, 187 F 184468

Int. Cl.[4] : G 02 B 6/44

A COMPOSITE ARTICLE HAVING HEAT SHRINKABLE FIBRES.

Applicant : RAYCHEM LIMITED OF FARADAY ROAD, DORCAN, SWINDON, WILTSHIRE, SN3 5HH, ENGLAND, A BRITISH COMPANY.

Inventors :
(1) NORMAN HUTT
(2) NOEL MARCEL MICHIEL OVERBERGH.

Application No. 348/Mas/94 filed on 28th April 94.

Convention No. 9310235.8 on 18-05-93 in Great Britain).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

11 Claims

A composite article comprising heat shrinkable fibres, said heat shrinkable fibres having linear low density polyethylene (LLDPE) characterised in that the LLDPE has a weight average molecular weight of from 55,000 to 130,000 and a crystallinity less than 60%.

Compl. Specn. 20 pages ; Drwngs. Nil Sheet

Ind. Cl. : 141-D 184469

Int. Cl.[4] : C 22 B 1/00

PROCESS FOR THE TREATMENT OF TRIHYDRATE TYPE BAUXITE.

Applicant : ALUMINIUM PECHINEY, IMMEUBLE BALZAC-LA DEFENSE 5, 10, PLACE DES VOSAGES, 92400 COURBEVOIE, FRANCE, A FRENCH COMPANY.

Inventors :
(1) ROBERT BITSCH, (FRANCE)
(2) JEAN MICHEL LAMERANT (FRANCE)

Application No. 375/Mas/94 dated May 5, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

11 Claims

A process for the treatment of trihydrate type bauxite by caustic soda digestion in accordance with the Bayer process, comprising the steps of grinding and desilication in the presence of an aliquot of spent sodium aluminate liquor, the bringing said ground and desilicated bauxite into contact with the remaining spent liquor, which may have been concentrated, to form a suspension which, after dilution, is decnated and filtered to separate out the solid red mud fraction from the supersaturated sodium aluminate liquor, said liquor then being precipitated in the presence of a seed then recycled as the digestion liquor after separation of the alumina trihydrate, characterised in that, a first fraction of at least 40 $ of at least 40% by weight of ground and desilicated trihydraed bauxite is brought into contact at atmospheric pressure and a temperature of between 100°C and 107°C with an aliquot of spent and optionally concentrated liquor or digestion liquor for at least one hour, the weight ratio R_p being between 0.5 and 0.7 and the caustic soda concentration being between 180 and 220 g Na_2O/litre, to form a first suspension wherein the weight ratio R_p is between 1 and 1.20 and the caustic soda concentration is between 160 and 200 g Na_2O/litre, the remaining fraction of ground and desilicated trihydrated bauxite, not exceeding 60% by weight, is brought into contact with the remainder of the optionally concentrated spent liquor, or digestion liquor, for at least 5 minutes at a temperature of between 130°C and 180°C, to form a second suspension wherein the weight ratio R_p is between 1.30 and 1.55 and the caustic soda concentration is between 160 and 220 g Na_2O/litre, the two suspension, wherein the temperature after digestion, are respectively between 90°C and 100°C for the first suspension and between 110°C and 130°C for the second susnension after depressurisation, are intimately mixed and diluted with the counter-current rod mud wash water to form a third suspension wherein the concentration ratio R_p is between 1.13 and 1.28 and the concentration of caustic soda is between 140 and 160 g Na_2O/litre, at a temperature of between 100°C and 107°C, said third suspension with an R_p (after separation of the mud by decantation) of between 1.13 and 1.23, is filtered, then precipitated in the presence of a seed which is separated by filtering the spent liquor in which the concentration ratio R_p is between 0.5 to 0.7 and the concentration of caustic soda is between 140 and 160 g Na_2O/litre, a fraction of the spent liquor is recycled directly to the bauxite wet grinding step at the head of the process up to a maximum amount of 0.6 m^3 per tonne of untreated bauxite, while the remainder of the spent liquor is concentrated by evaporation then recycled as digestion liquor.

(Compl. 24 pages; Drwg. 1 sheet)

Ind. Cl.: 101 F, 102 C 184470

Int Cl.[6]: G 01 F 23/24

A FLUID LEVEL SENSING SYSTEM.

Applicant: SOLARTRON GROUP LIMITED OF 124 VICTORIA ROAD, FARNBOROUGH HAMPSHIRE GU14 7PW, ENGLAND, A UK COMPANY.

Inventor: PAUL NIGEL RICHARDS

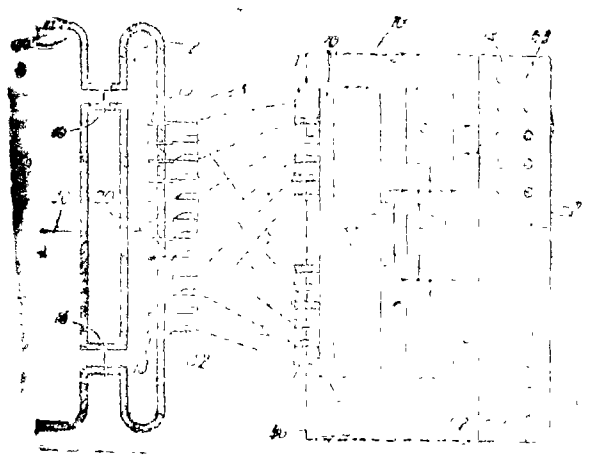
Application No. 379/Mas/94 filed on 06th May 1994.

(Convention No. 9311187.0 on 29-05-93 in Britain).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

11 Claims

A fluid level sensing system for sensing the level of the interface between a first fluid and a second fluid, the first fluid being beneath and of lower electrical impedance than the second fluid, the system comprising an electrically conductive vessel for containing the fluids and a plurality of vertically spaced sensors each of which has a sensing portion which projects into and is electrically insulated from the vessel and which is arranged, in use, to produce a signal representative of the impedance of the fluid between the sensing portion and the vessel, further comprising output means responsive to said impedance-representative signals for producing a first signal which is dependent upon the ratio between the impedance sensed by the sensor at or immediately below said interface and a value for the impedance of the first fluid derived from at least one sensor below the sensor at or immediately below said interface, and for combining said first signal with a second signal dependent upon the level of the sensor at or immediately below said interface so as to produce an output signal representative of the level of said interface within the vessel.



(Compl. Specn. 19 pages; Drwgns. 3 Sheets)

Ind. Cl.: 175 H 184471

Int. Cl.[6]: F 16 J 15/10

SEALING DEVICE, ON TUBULAR AND/OR CIRCULAR TANKS, FOR FIRING MEMBRANE VALVES, FOR CLEANING SLEEVE FILTERS.

Applicant: SOUTHCORP AUSTRALIA PTY LTD OF LEVEL 23-91 KING WILLIAM STREET, ADELAIDE, SA 5000, AUSTRALIA. AN AUSTRALIAN COMPANY.

Inventor: MESSINA, AURELIA.

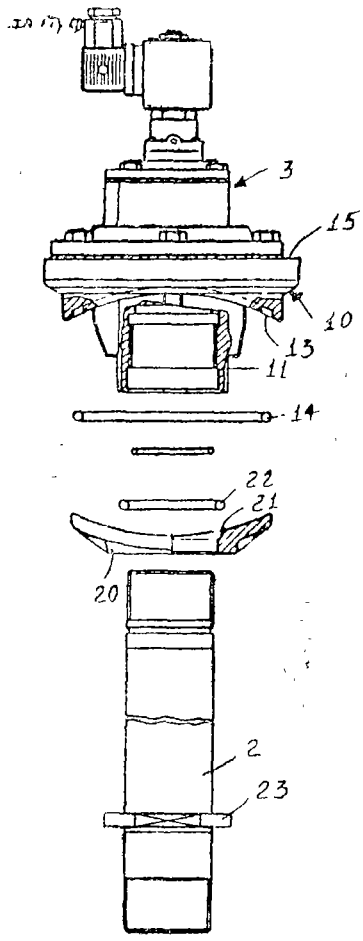
Application No. 603/Mas/94 filed on 6th July 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

6 Claims

A sealing device, on tubular and/or circular tanks, for firing membrane valves, for cleaning sleeve filters, comprising, inside a tubular and/or circular tank (1), a firing pipe (2) having one end thereof coupled to a membrane solenoid valve (3) and having the other end thereof tightly projecting from said tank, characterized in that said device further comprises a fitting element (10) coupled to said firing pipe (2) and a recess for housing a sealing means therein for providing a sealed connection with the outer surface of said tank (1) as well as with a sealing coupling surface for said solenoid valve (3), a washer element (20), is provided for

coupling to said other end of said firing pipe and supporting sealing means for providing a sealed connection between said firing pipe and tank.



(Compl. Specn. 10 pages; Drwgns. 2 Sheets)

Ind. Cl.: 97-A 184472

Int. Cl.[4]: G 05 F 1/70

POWER FACTOR COMPENSATION DEVICE.

Applicant: ASEA BROWN BOVERI AG., OF BASEL-STRSSE. CH-5400 BADEN, SWITZERLAND, A SWISS COMPANY.

Inventors:

(1) HANSPETER AEBISCHER, (SWITZERLAND)
(2) ROGER MATHYS (SWITZERLAND).

Application No. 689/Mas/94 dated July 22, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

4 Claims

Power factor compensation device for stabilizing a power supply device of a power supply network against reactive load; said device comprising:

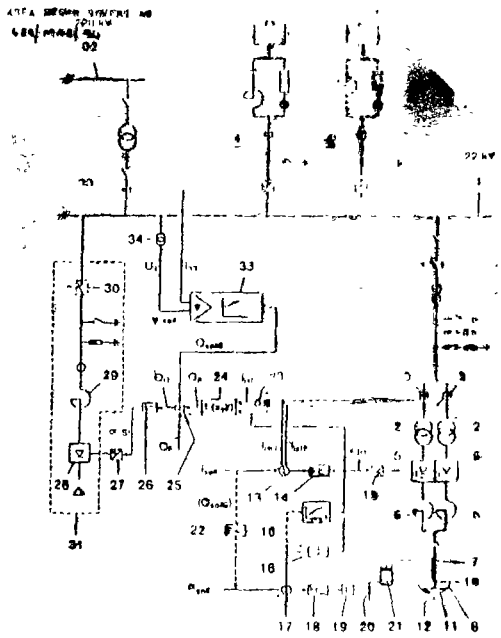
(a) at least one installation (8) of variable reactive power,

(b) at least one filter branch (4, 4') with a capacitive reactive power, and

(c) at least one power factor compensator (31) which has at least one controllable valve (28),

(d) a phase-angle controller (35) which is operationally connected on the input side to at least one current transformer (33) for detecting the total current intensity (i_{ges}), and on the output side to the at least one controllable valve (28) of the power factor compensator (31), characterized in that (e) the phase-angle controller (35) is operationally connected via a 1st function generator (26) a total reactive power signal Q_G is present on the input side, and a stabilization striking angle signal $_{st}$ is emitted on the output side in accordance with

$$Q = st°/90° - 2 - (\sin 2 - st)/$$



(Compl. Specn. 15 pages; Drwgs. 2 Sheets)

Ind. Cl.: 90 I 184473

Int. Cl.[4]: B 65 D 1/00, G 01 N 09/04.

APPARATUS FOR DETECTING CHECKS AND/OR SPLIT SEAMS IN THE SIDEWALL OF A TRANSLUCENT CONTAINER.

Applicant: OWENS-BROCKWAY GLASS CONTAINER INC., ONE SEA GATE TOLEDO, OHIO 43666, U.S.A. A US COMPANY.

Inventors:

1. TIMOTHY J NICKS
2. JAMES A RINGLIEN.

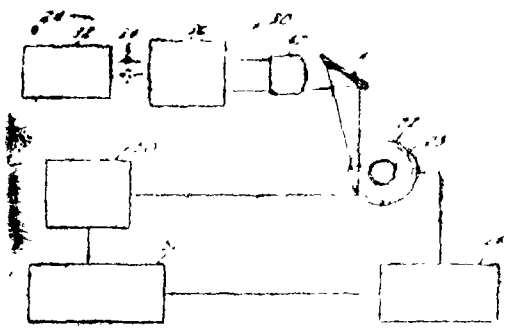
Application No. 901/Mas/94 filed on 15th September 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

9 Claims

Apparatus for detecting checks and/or split seams (64) in the sidewall of a translucent container (22) having a central axis said apparatus comprising: a source (30) of light for illuminating an elongated narrow strip of the container sidewall parallel to the container axis, a camera (50) positioned externally of the container for receiving light reflected by checks in the illuminated strip of the container along a reflection axis perpendicular to the axis of illumination from said light source (30) and detecting means (52) responsive to said camera (50) for detecting vertical checks and split seams (64) in the container (22) as a function of such reflected light, said source (30) being located to illu-

minate said strip in such a way that illumination rays are incident at any point of said strip simultaneously from multiple angles essentially coplanar with each other and with the strip in order to improve detection of non-vertical radial checks and split seams in the container sidewall.



(Compl. Specn. 14 pages; Drngs. 2 Sheets)

Ind. Class 90 I & J 184474

Int. Cl.[6] C 03 B 23/023

"AN APPARATUS AND A METHOD FOR MAKING A BENT GLASS SHEET"

Applicant : GLASSTECH, INC., OF 995, FOURTH STREET, AMPOINT INDUSTRIAL PARK, PERRYSBURG, OHIO 43552, U.S.A., (A CORPORATION OF THE STATE OF DELAWARE).

Inventor : PAULI T. REUNAMAKI, (FINLAND)

Application No. 911/MAS/94 dated September 16, 1994.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

18 Claims

A glass sheet bending apparatus comprising atleast one deformable mold for engaging a heated glass sheet to be bent;

said deformable mold having a plurality of mold members that are movable with respect to each other to bend the glass sheet;

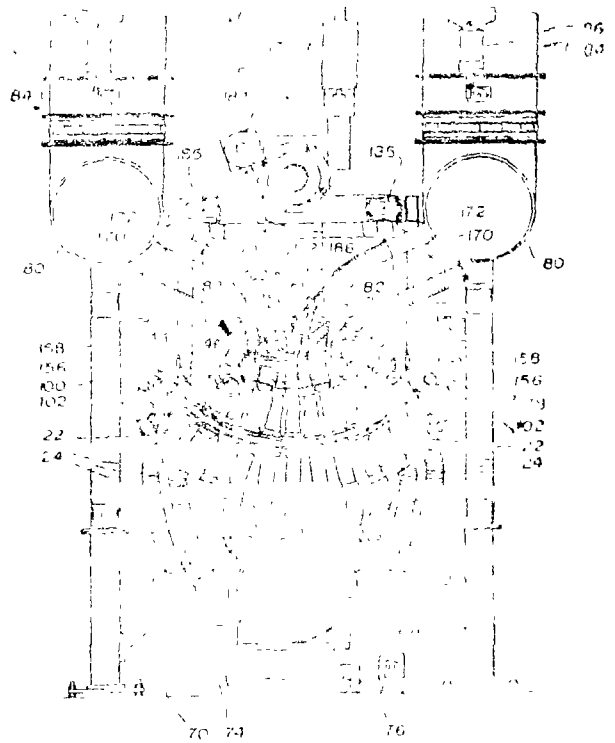
a linkage that extends between the mold members to control movement thereof with respect to each other; the linkage having connector links that are fixedly connected to the mold members and that have pivotal connections to each other about axes that extend parallel to the glass sheet throughout the bending thereof;

the linkage also having control links that have respective pivotal connections to the connector links about axes that extend perpendicular to the glass sheet throughout the bending thereof;

the control links having universal connections to each other;

and an actuating mechanism that moves the linkage such that the linkage moves the mold members of the deformable mold to bend the glass sheet with a constant radius of curvature.

4—217 GI/2000



(Compl. Specn 38 pages; Drwgs. 11 sheets)

Ind. Class 93 & 136 B&E 184475

Int. Cl.[6] B 29 B 9/00

"A PELLET MAKING MACHINE"

Applicant : KATSU MANUFACTURING CO. LTD. 2799-2 KIMAGASE SEKIYADO MACHI HIGASHI KATSUSHIKA-GUN CHIBA JAPAN A JAPANESE COMPANY.

Inventor : MASARU TANAKA (JAPAN)

Application No. 963/MAS/94 dated October 5, 1994.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office Chennai Branch

5 Claims

A pellet making machine comprising :

a housing in which an electric motor is provided;

a pellet discharge trough which is provided below the housing and through which the pllets may be discharges;

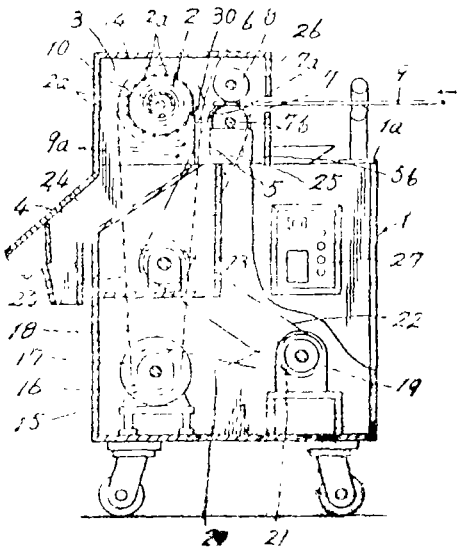
a rotary cutter provided in an upper portion of the housing and driven rotatably by the electric motor to cut a strant into the pellets;

a fixed blade disposed in opposite to the rotary cutter to cut the strand into the pellets;

a fixed support table upon which the fixed blade is mounted in opposition to the rotary cutter and which is mounted to the housing;

a communication chamber internally formed in said fixed support table to cool the fixed blade; and

an inflow port and an outflow port formed respectively in the end and other end of the communication chamber so that a feed water may be circulated into the fixed support table through the communication chamber.



(Compl. Specn. 17 pages; Drwgs. 5 sheets)

Ind. Cl. : 57 D 184476

Int. Cl.[4] : E 05 F 1/00, 15/00

"A MOTORISED GATE OPERATING DEVICE".

Applicant : DR. AKASH KUMAR ROSE, ALPHA RESEARCH LABORATORIES (P) LTD., Z-294, 2nd AVENUE, ANNA NAGAR, CHENNAI-600 040, TAMIL-NADU, AN INDIAN CITIZEN.

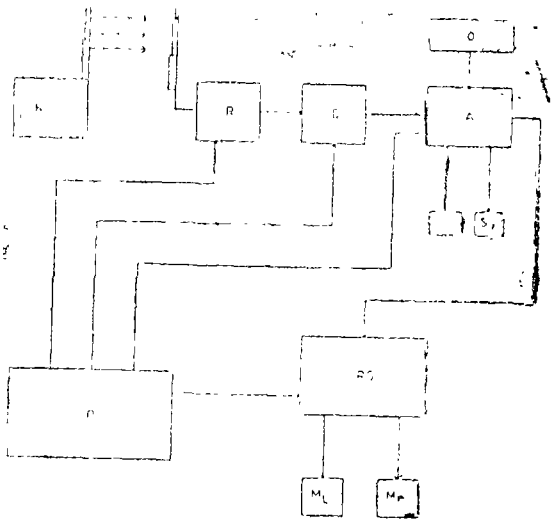
Inventor : 1. DR. AKASH KUMAR ROSE.

Application No. 978/MAS/94 filed on 11th October 1994

Appropriate Office for Opposition Proceedings (Rule Patents Rules, 1972), Patent Office, Chennai Branch

8 Claims

A motorised gate operating device suitable for swivel gates with one or two swivelling members comprising a drive assembly with locking means mounted on the moving member(s) of the gate, a main relay (RS) responding to an activator (A) and providing supply to the drive assembly, the said activator being connected to at least one position sensor (S_1 S_2) provide data regarding the position of the moving member(s) of the gate, an operating means (O) connected to the activator (A) to activate the main relay (RS) taking into consideration of the data provided by the position sensor (s) (S_1 S_2).



(Compl. Specn 8 pages; Drgs. 2 sheets)

Ind. Cl. : 136 C, E 184477

Int. Cl.[4] : B 29 C 45/82.

"HYDRAULIC OPERATIONAL SYSTEM FOR AN INJECTION MOLDING MACHINE".

Applicant : BATTENFELD GMBH, SCHERL 10 58540 MEINERZHAGEN, GERMANY, A GERMAN COMPANY.

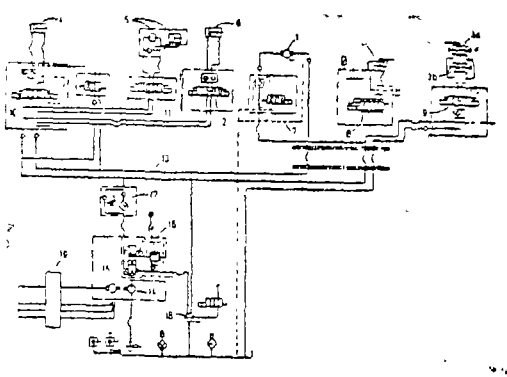
Inventor : 1. HERR JOHANN HOLZSCHUH.

Application No. 983/MAS/94 field on 11th October 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Chennai Branch.

15 Claims

A hydraulic operational system for an injection molding machine, comprising : a hydraulic line network; a plurality of Hydraulic drives for driving different components of the injection molding machine; a plurality of directional control valves, which correspond to the plurality of hydraulic drives, for connecting the hydraulic drives with the network; a constant delivery pump for supplying the hydraulic line network with hydraulic fluid; and an electric motor for driving the constant delivery pump said electric motor being steplessly controlled electric motor or a multi-stage electric motor; wherein the constant delivery pump has at least the capacity to provide a delivery volume of the hydraulic fluid and a hydraulic fluid pressure corresponding to the maximum amount of the hydraulic fluid and a maximum pressure of the hydraulic fluid required for operating all of the plurality of hydraulic drives.



(Compl. Specn. 18 pages; Drwgs. 1 sheet)

Ind. Cl. : 187 E 2, 147 I J 184478

Int Cl.[1] : H 04 R 1/00.

"A SPEAKER SYSTEM".

Applicant : ALPHA RESEARCH LABORATORIES (P) LTD., OF Z-294, 2ND AVENUE, ANNA NAGAR, CHENNAI-600040, AN INDIAN COMPANY AND KAEMIA INDUSTRIES LTD., OF 12 ANNA AVENUE, ADYAR, CHENNAI-20, AN INDIAN COMPANY.

Inventor : 1. DR. AKASH KUMAR ROSE.

Application No. 1017/Mas/94 filed on 20th October 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Pataen Office, Chennai Branch.

4 Claims

A speaker system comprising a cabinet (1) having two identical driven woofers (2, 3) fixed on the front side and the rear side of the cabinet (1) on a common axis and connected for push-pull operation, one of the woofers being directed to the front side (F) of the cabinet and the other being directed to the rear side (R) of the cabinet (1) and a passive radiator (4) located symmetrically along an axis perpendicular to the common axis of the two identical woofers (2, 3) and facing the said common axis maintaining equal distances between the center of the passive radiator (4) and the centers of the driven woofers (2, 3) and an outlet port (5) is provided on the front side of the said cabinet (1) adjacent the said passive radiator (4).

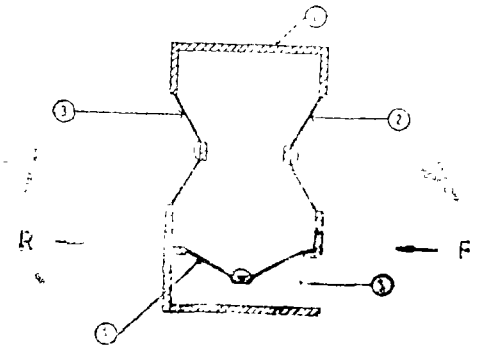


FIG - 1

(Compl. Specn. : 06 pages; Drgn. : 1 sheet)

Ind. Cl. : 83 B 5 184479

Int. Cl.[1] : A 23 P 1/00.

"A PLANT FOR PREPARING A COOKING AID".

Applicant : SOCIETE DES PRODUITS NESTLE S A, A SWISS BODY CORPORATE, CH-1800 VEVEY, SWITZERLAND.

Inventors :

1. FROT-COUTAZ ANNE
2. GUILLAIN VALERIE
3. MAHE YANNICK
4. RUSTUEL PASCAL

Application No. 2062/Mas/97 filed on 17th September 1997.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Chennai Branch

4 Claims

A plant for preparing a cooking aid such as herein described comprising mixing means (1) for mixing visual components such as herein described with a molten fat, and a dehydrated base such as herein defined, shaping means (3, 4) for shaping said mixture, the said shaping means comprising a rotating drum whose cylindrical wall is pierced with cells (8) arranged in rows (7) and is surmounted by a jacketed feed hopper (9) whose lower part takes the cylindrical shape of the surface of the drum, and is provided with stirring means (26), ejecting means (6) and cooling menas (20).

(Compl. Specn. : 17 pages; Drgns : 3 sheets)

Ind. Cl. : 126 D 184480

Int. Cl.[1] : G 01 M 1/22

"A DEVICE FOR INDICATING THE POSITION OCCUPIED BY AN OBJECT".

Applicant : TILAK SRINIVASAN, L-118, 9TH 'A' MAIN, SECTOR 11, JEEVAN BIMA NAGAR HAL III STAGE, BANGALORE-560075, KARNATAKA INDIA, INDIAN NATIONAL.

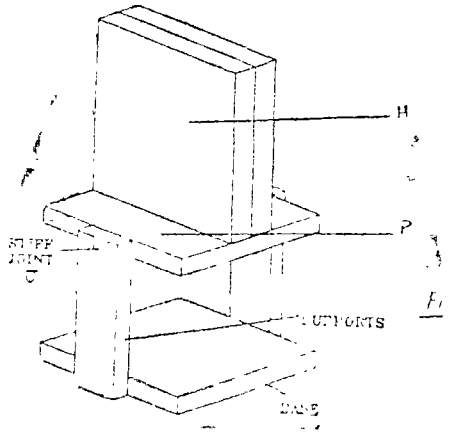
Inventor : 1. TILAK SRINIVASAN.

Application No. 1099/Mas/94 filed on 10th November 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Pataen Office, Chennai Branch

9 Claims

A device for indicating the position occupied by an object comprising a housing which is attachable to the said object, said housing accommodating two spaced circular tracks disposed in the vertical plane and respectively provided with a continuous circular electrical conductor and an open ended circular resistor; a roller assembly comprising two electrically conducting rollers respectively mounted on the said tracks so as to be in contact with the said conductor and resistor respectively, the said rollers being electrically as well as mechanically connected together; a circuit comprising a source of electric power connected to the said conductor and resistor through an electrical sensing device, whereby any angular shift in the position of the said object in the vertical plane, causes the rollers to move along the tracks correspondingly, resulting in a related vaiation in the ohmic value of that part of the said resistor included in the said circuit, said variation in ohmic value being indicated by the sensing device, to thus indicate the degree of angluar shift in the position occupied by the object.



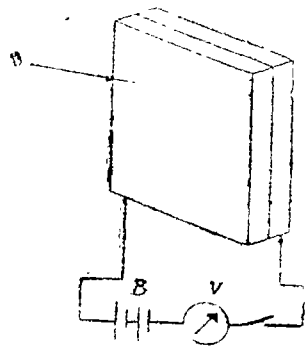


FIG 7

(Compl. Specn : 11 pages; Drgns. : 3 sheets)

Ind Cl. 32F 3(b) + 21B + 140A. 184481

Int. Cl.[6] : C 10 L 1/10, 1/14.

A PROCESS FOR THE PREPARATION OF A COMPOUND USED AS CRYSTAL MODIFIERS IN FUELS.

Applicant : EXXON CHEMICAL PATENTS INC, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERCA, OF 1900 EAST LINDEN AVENUE LINDEN, NEW JERSEY 07036, UNITED STATES OF AMERICA.

Inventors :

1. LEWTAS KENNETH, USA
2. EDWIN WILLIAM LEHMANN, USA
3. ROBERT DRYDEN TACK, USA &
4. ROSSI ALBERT, USA.

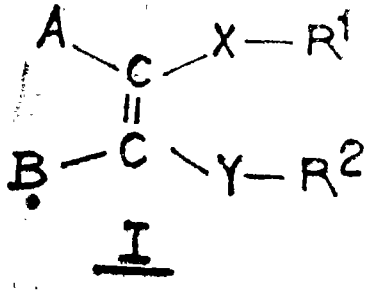
Application for Patent No 823/Del/87 filed on 18-09-1987.

Convention date 24-9-86/8622959/(U.K.) & 17-8-87/8719423/(U.K.).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110 005.

3 Claims

A process for the production of a compound of the general formula I



I

used as crystal modifiers in fuels, in which

$-Y-R^2$ is $SO_3(-)(+)NR_3^3R^2$, $-SO_3(-)(+)HNR_2^3R^2$

$-SO_3(-)(+)H_2NR^3R^2$, $-SO_3(-)(+)H_3NR^2$,

$-SO_2NR^3R^2$ or $-SO_3R^2$;

$-X-R^1$ is $-Y-R^2$ or $CONR^3R^1$,

$-CO_2(-)(+)NR_3^3R^1$, $-CO_2^{(-)}(+)HNR_2^3R^1$,

$-R^4-COOR_1$, $-NR^3COR^1$,

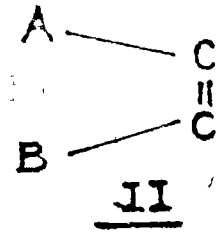
R^4OR^1, $-R^4OCOR^1$, $-R^4R^1$,

$-N(COR^3)R^1$ or $Z(-)(+)NR_3^3R^1$;

$-Z(-)$ is $SO_3^{(-)}OR$ $-CO_2^{(-)}$;

R^1 and R^2 are alkyl, alkoxy alkyl or polyalkoxy alkyl containing at least 10 carbon atoms in the main chain;

R^3 is hydrocarbyl and each R^4 may be the same or different and R^4 is nothing or is C_1 to C_5 alkylene and the group as shown in figure II



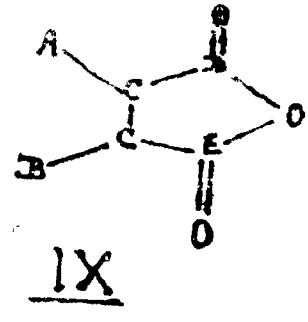
II

the carbon-carbon (C-C) bond is either

(a) ethylenically unsaturated when A and B may be alkyl, alkenyl or substituted hydrocarbyl groups or

(b) part of a cyclic structure which may be aromatic, polynuclear aromatic on cyclo-aliphatic,

comprising reacting a compound of the formula IX



IX

where one of D and E is (SO) and the other is carbon or (SO) with a compound selected from amine, alcohol or quarternary ammonium compound provide the groups $Y-R^2$ and $X-R^1$ as defined above.

(Compl. Specn 52 Pages, Drng. 9 Sheets)

Ind. Cl. : 40 B 184482

Int. Cl[4] : C 10 K. 1/22.

"A PROCESS FOR THE PREPARATION OF PURE FLUE GASES AND AN APPARATUS THEREFOR".

Applicant : AGGLO RECOVERY, A LIMITED PARTNERSHIP FORMED PURSUANT TO THE LAWS OF THE PROVINCE OF ONTARIO, OF 150 SIGNET DRIVE, WESTON, ONTARIO M9L 1T9. CANADA.

Inventors :
PETER WEINWURM—CANADA AND
PAUL S. WEINWURM—CANADA.

Application for Patent No. 1311/Del/1990 filed on 24th Dec. 90.

Convention date : 22-12-89/8929044.9/U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

10 Claims

A process for the preparation of pure flue gases by removing gases of heavy metals, alkali salts, acids and hydrocarbon compounds and submicron particle emissions therefrom which comprises the steps of :

(i) cooling said flue gases to a temperature in the range of + 60° to —20°C in order to precipitate heavy metal and salts and to condense hydrocarbons and acids by contacting with a liquiffed gas such as hereinbefore described in a filter chamber;

(ii) Contacting said flue gases in said filter chamber during cooling with a sorbent selected from diatomaceous earth, perlite, expanded vermiculate, expanded sodium/calcium glass, expanded clay, and zeolites having high absorption, good gas filtration characteristics, a surface area between 30m2/g-600 m2/g and a pore volume between 0.3 and 1.0 cc/g;

(iii) adding alkali metal to said sorbent to adjust the pH of the sorbent to a range of 9 to 11;

(iv) continuously forming a filter bed of said sorbent in said filter chamber in a manner described herein before and passing said flue gases through said bed to absorb and absorb precipitated heavy metals and salts, condensed acids and hydrocabons, and submicron particle emissions;

(v) recycling in any known manner said sorbent to said flue gases in the filter chamber until said pore volume is substantially satirated; and

(vi) collecting saturated serbent and cleaned flue gases.

(Compl. Specn. 18 pages; Drgns. : 2 sheets)

Ind. Cl. : 32 C 184483

Int. Cl[4] : C 07 C 27/28.

"A PROCESS FOR OBTAINING AT LEAST ONE COMPONENT SUCH AS LIGHT OLEFINS BY SELECTIVE SEPARATION OF A GASEOUS FEED STREAM".

Applicant : THE STANDARD OIL COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO, UNTED STATES OF AMERICA, OF 200 PUBLIC SQUARE, 7A CLEVELAND, OHIO 44114-2375, UNITED STATES OF AMERICA.

Inventors :
RONALD JAMES VALUS—U.S.A.
REZA ESHRAGHI—U.S.A.
ALEXANDER EVAN VELIKOFF—U.S.A. AND
JAMES CRITSER DAVIS—U.S.A.

Application for Patent No. 230/Del/91 filed on 20th March 91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005

7 Claims

A process for obtaining at least one component such as light olefins by selective separation of a gaseous feed stream such as herein before dsecribde comprising passing said feed stream containing said component through a separation unit, said separation unit containing a porous membrane having a feed side and a permeate side, and a pore size of from 10 Angstroms to 200 Angstroms and having disposed in the pores of said porous membrane a facilitator liquid comprising a carrier such as herein before described dissolved in a suitable solvent, said process further comprising :

(a) dissolving said component in said facilitator liquid on said feed side of said porous membrane at the feed gas/membrane interface to form a component-carrier complex;

(b) diffusing said complex to said permeate side of said porous membrane; and

(c) releasing said component such as light olefins from said carrier.

(d) recycling said component through water saturator and to said permeate side of said membrane, if desired.

(Compl. Specn. 18 pages; Drgns. : 7 sheets)

Ind. Cl. : 126 A. 184484

Int. Cl[4] : G 05 B, 11/42.

TWO DEGREES OF FREEDOM CONTROLLER.

Applicant : KABUSHIKI KAISHA TOSHIBA, A CORPORATION DULY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, LOCATED AT 72-HORIKAWA-CHO, SAIWAI-KU, KAWASAKI-SHI, JAPAN.

Inventor :
KAZUO HIROI—JAPAN.

Application for Patent No. 328/Del/1991 filed on 16th April, 1991.

Appropriate office for opposition proceedings Rule 4, (Patent Rules 1972) Patent Office Branch, New Delhi-110 005.

15 Claims

A two degrees of freedom controller comprising :

setpoint filter means (1/20/40) for receiving a setpoint value, and outputting a control setpoint value, said setpoint filter means having a transfer function which follows the setpoint value and is expressed by the following formula :

$$\frac{1 + \alpha\beta T_I.S}{1 + \beta T_I.S} \quad \text{.....(a)}$$

wherein TI : is an integral time,

S : a Laplace operator,

α : a constant which can be set between 0 and 1 and

β : a constant which can be set between 0 and about 10;

deviation (2) calculating means for calculating a deviation between the control setpoint value and a control value fed back from controlled system;

control operation means (4) for receiving the deviation, executing at least PI (P : proportional I. integral) control operation and outputting a manipulative variable and

means (5) for applying the manipulative variable to the controlled system.

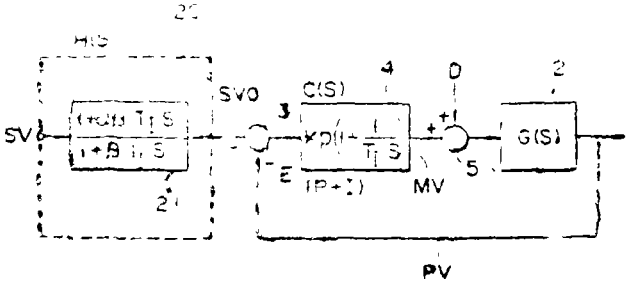


FIG 3

(Compl. Specn. . 50 pages; Drg. : 9 Sheets).

Ind. Cl. : 190 C. 184485

Int. Cl.[4] : F 03 B 1/00.

ROTARY VANE MACHINE.

Applicant :

THOMAS CLAUDE EDWARDS,
USA CITIZEN,
R/O 1426 GLENEAGLES WAY ROCKLEDGE,
FLORIDA 32955,
UNITED STATES OF AMERICA.

Inventor :

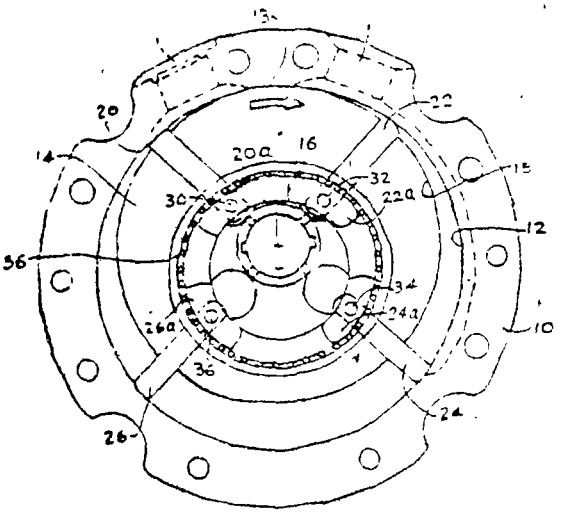
THOMAS CLAUDE EDWARDS,
U. S. A.

Application for Patent No. 381/Del/1991 filed on 30th April, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, (Patent Rules 1972) Patent Office Branch, New Delhi-110 005.

12 Claims

A Rotary non-contact vane-type fluid displacement machine with simplified Anti Friction Positive Bi-Axial Vane Motion Control comprising a casing having around its interior a conjugate internal conforming profile, said casing being secured between two opposing endplates characterised in that said rotor provided with endplates containing in its interior a circular annulus, sad annuli being of matching configuration, the center of each annulus being coincident with the geometric center of said conjugate internal conforming casing profile, a rotor supported by said endplates and the said rotor mounted for rotation within said interior of said casing in a matching eccentric relationship with said internal conjugate conformng casing profile, said rotor having ends operationally disposed in a close fitting relationship with said opposing endplates, said rotor being equipped with at least one substantially radially disposed slot, having rectangular vane with an arouately configured tip maintained in an exceedingly close but non-contact relationship with said conjugate interanl conforming profile of said casing, that ends of each said vane being equipped with a pivotally-mounted tether at a location comparatively remote from said vane tip, each said vane tether having inner and outer peripheries, anti-friction means operatively disposed at, at least one interface of each annulus and the respective vane tethers such that at least a portion of each of said tethers engages said anti-friction means during operation of said machine, the annulus in each of said endplates thus serving as an effective guide for the respective tethers of said vane and, therefore, for the tips of said vane, said vane tips thus being caused to remain in an exceedingly close yet substantially frictionless relationship with said internal conjugate contour of said casing.



(Compl. Specn. 24 pages; Drgs. 5 sheets).

Ind. Cl. : 32 B. 184486

Int. Cl.[4] : C 07 C, 2/00.

AN IMPROVED PROCESS FOR OXIDATION OF METHANE TO C_2 + HYDROCARBONS, AN IMPROVED Li-PROMOTED MGG CATALYST.

Applicant :

COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER REGISTRATION OF SOCIETIES ACT, (ACT XXI OF 1860.)

Inventor(s) :

VASANT RAMCHANDRA CHOUDHARY,
INDIAN,
MEENAKSHI YADUNATH PANDIT, INDIAN
AND SOPAN TUKARAM CHAUDHARY,
INDIAN.

Application for Patent No. 571/Del/91 filed on 27th June, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, (Patents Rules 1972) Patent Office Branch, New Delhi-110 005.

13 Claims

An improved process for oxidation of methane to C_2 + hydrocarbons, which comprises passing continuously a gaseous reactant mixture comprising methane and oxygen

(or air) optionally with steam over an unproved Li-promoted MgO catalyst as herein defined, in a fixed bed reactor at a pressure in the range of 1—50 atm., temperature in the range of 500—1000°C, CH_4/O_2 ratio in feed in the range of 1.5—100, and gas hourly space velocity in the range of 500—3,00,000 $cm^3.g^{-1}$ h^{-1}, separating the water, oxides of carbon C_2 + hydrocarbons from the product stream by known methods.

(Compl. Specn. : 23 Pages; Drwg. Nil).

Ind. Cl. : 107 G. 184487

Int. Cl.[1] : F 02 M 63/00, 39/00, 51/00.

A FUEL INJECTION SYSTEM FOR A MULI-CYLINDER INTERNAL COMBUSTION ENGINE.

Applicants :
ORBITAL ENGINE COMPANY (AUSTRALIA) PTY. LIMITED FORMERLY ORBITAL ENGINE COMPANY PROPRIETARY LIMITED,
OF 1 WHIPPLE STREET, BALCATTA 6021,
WESTERN AUSTRALIA,
AUSTRALIA FORMERLY OF 4 WHIPPLE STREET, BALCATTA, WESTERN AUSTRALIA, AUSTRALIA,
A COMPANY INCORPORATED UNDER THE LAWS OF THE STATE OF WESTERN AUSTRALIA.

Inventor(s) :
MARK LEAR—
NEW ZEALAND.
INN REGINALD THOMPSON—
AUSTRALIA.

Application for Patent No. 593/Del/91 filed on 3rd July, 1991.

Divisional out of Patent application No. 269/Del/88 filed on 4-4-88.

Appropriate office for opposition proceedings Rule 4, (Patents Rules 1972) Patent Office Branch, New Delhi-110 005.

12 Claims

A fuel injection system for a multi-cylinder internal combustion engine, comprising for each cylinder of the engine a fuel injecting apparatus (12) for delivering fuel to said cylinder through a valve controlled port (32) provided in the body (30) of the fuel injecting apparatus (12), each fuel injecting apparatus (12) being integrated with a single rigid elongated unitary member (11), the unitary member (11) having a fuel supply duct (81) and a gas supply (88) duct formed therein extending in the direction of elongation of the unitary member (11), each fuel injecting apparatus (12) having a fuel metering means (10) in direct communication with the fuel supply duct, (81) and a fuel cavity (80) in communication with the gas supply duct, (88) whereby when the port (32) is open gas from the gas supply duct (88) conveys fuel from the fuel cavity (80) through a stem (35) passage (20) and port cavity (33) to be discharged through the open port (32).

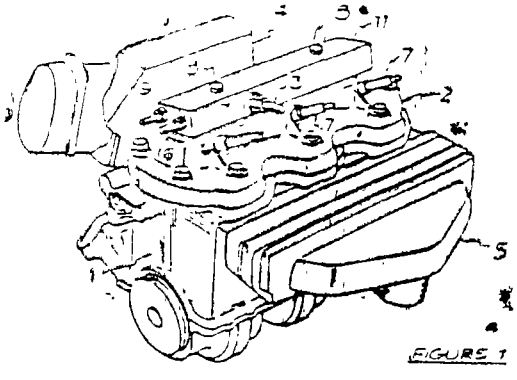


FIGURE 1

(Compl. Specn. : 19 Pages; Drg. : 7 Sheets).

Ind. Cl. : 32d [IX(1)] 184488

Int. Cl.[4] : C 07C 46/00

AN IMPROVED PROCESS FOR THE SIMULTANEOUS PREPARATION OF 1, 4 BENZOQUINONE AND HYDROQUINONE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, (INDIA) AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventors :
PRAMOD PRABHAKAR MOGHE, INDIA,
RAJ MADHUKAR DESHPANDE, INDIA,
PRAKASH SHIVANAND OZARDE, INDIA,
BHAIRAVNATH BALKRISHNA PARKHI, INDIA,
SUJATA SUKRUTI BISWAS, INDIA,
MADHAV GOPAL KOTASTHANE, INDIA,
PRAKASH KONDIBA BAHIRAT, INDIA,
ASHWINI VINAYAK POL, INDIA.

Application for Patent No. 649/Del/91 filed on 19-07-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

5 Claims

An improved process for the simultaneous preparation of 1, 4 benzoquinone and hydroquinone which comprises oxidising phenol with oxygen in the presence of monovalent or divalent copper salt catalyst selected from halides in presence of Feions in catalytic amount in a polar aprotic solvent at a temperature in the range of 50°—70°C at a pressure of 1 to 20 bar for 2 to 10 hrs and separating the individual compounds by gas chromatography if desired.

Compl. Specn. 11 pages ; Drgs. Sheet Nil

Ind. Cl. : $55E_4$ 184489

Int. Cl.[4] : A 61 K

A PROCESS FOR THE EXTRACTION AND ISOLATION OF OLEANOLIC ACID FROM LANTANA CAMARA.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors :
LAXMI NARAIN MISRA—INDIAN,
AJAY KUMAR DIXIT—INDIAN,
RAM PRAKASH SHARMA—INDIAN AND
SUSHIL KUMAR—INDIAN.

Application for Patent No. 856/Del/96 filed on 23rd Apr 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

5 Claims

A process for the extraction and isolation of oleanolic acid from Lantana camara which comprises, grinding the dry root bark, extracting the said ground root bark by cold percolation using a mixture of polar organic solvents, removing the solvent by conventional methods and subjecting to column chromatography using silica gel column for fractionation of oleanolic and oleanonic acids, then reducing oleanonic acid to oleanolic acid by conventional hydride reduction methods and purifying the oleanolic acid by conventional chromatographic methods such as herein described.

Compl. Specn. 10 pages ; Drng Sheet 1.

Ind. Cl : $32F_1$ $55E_1$ 184490

Int. Cl.[5] : A 61 K 31/695, C 07 F 7/02.

AN IMPROVED PROCESS FOR THE PREPARATION OF SILYL ETHERS : THE INTERMEDIATES FOR PROSTAGLANDIN SYNTHESIS

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTRED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventors :

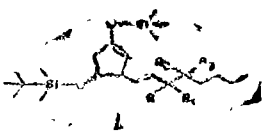
1. THOTTAPPILLIL RAV INDRANATHAN, INDIA
2. RADHIKA DILIP WAKHARKAR, INDIA
3. HANUMANT BAPURAO BORATE, INDIA.

Application for Patent No. 1954/Del/1996 filed on 03-09-1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110 005.

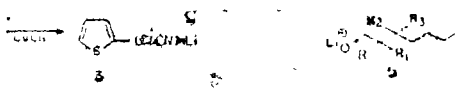
3 Claims

An improved process for the preparation of silyl other of the formula I

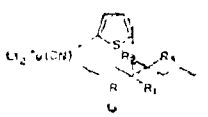


shown in Fig. A of the drawing accompanying the specification wherein R represents methyl, hydrogen, R_1 represents trimethylsiloxy, hydrogen, R_2 represents hydrogen, methyl and R_3 represents hydrogen, trimethyl-siloxy methyl group which comprises treating thienyllithium of formula 2

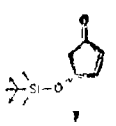
prepared in situ by reaction of thiophene & n-butyllithium with cuprous cyanide at -78 to 0°C to get lower order cuprate of formula 3 reacting the said formula 3 with vinyllithium of the formula 5



to get higher order cuprate of formula 6



then reacting with 4-(dimethyl-t-butyl-siloxy) cyclopant-2-enone of formula 7



followed by sequential addition of trimethyl silyl chloride & triethyl amine at a temperature in the range of -78 to 0°C for 4 to 5 hrs in dry etheral solvents and recovering silyl ether of the formula 1 by conventional solvent extraction methods.

(Compl. Specn. 17 Pages; Drng 1 Sheet)

Ind. Cl. : 170 D 184491

Int. Cl.[5] : C 11 D 17/08.

A PROCESS FOR PRODUCING HIGH ACTIVE DETERGENT PARTICLES.

Applicant : THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO 45202, UNITED STATES OF AMERICA.

Inventors :

KOFI OFOSU-ASANTE—U.S.A. AND
SCOTT EDWARD STEPHANS—U.S.A.

Application for Patent No. 665/Del/91 filed on 24th July, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

14 Claims

A process for producing high active detergent particles, comprising the steps of :

(a) recting in a continuous high active neutralization loop of an anionic surfactant with an alkali metal hydroxide solution, which is 30 to 75% by weight of the hydroxide and is present in stoichiometric amount as herein described to slight stoichiometric excess. to produce a neutralized product; optionally adding conventional surfactant such as herein described.

(b) adding to said continuous high active neutralization loop, an α -aminodicarboxylic acid selected from the group consisting of glutamic acid, aspartic acid, aminomalonic acid, aminoadipic acid, and of 2-amino-2-methyl-pentanedioic acid, or their alkali metal salts; and

(c) forming detergent particles from the molten neutralized product of step (b), by cooling and sequentially or concurrently prilling, extruding, granulating or flaking, said particles comprising from 50-90 weight % of the anionic surfactant and from 0.2 to 15 weight % of the α -aminodicarboxylic acid salt.

Compl. Specn. 26 pages; Drgns Sheet Nil

Ind. Cl. : 170A 184492

Int. Cl.[5] : C 11D 9/00

AN AERATED BAR SOAP COMPOSITION.

Applicant : THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO 45202, UNITED STATES OF AMERICA.

Inventors :

JAMES EDEN TANERI—U.S.A.
NATALIE MARIE MORONEY—U.S.A.

Application for Patent No. 886/Del/91 filed on 20-9-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

8 Claims

An aerated bar soap composition comprising :—

(a) from 25% wt% to 70 wt% of alkali metal fatty acid soap in which said fatty acids contain from 8 to 18 carbon atoms;

(b) from 5% to 35% of a nonreducing sugar ;

(c) upto 30 wt% of hydrophobic material selected from the group consisting of waxes ; and other hydrophobic material including free fatty acids containing from 8 to 18 carbon atoms ; mono-, di-, and triglycerides ; fatty alcohols containing from 8 to 18 carbon atoms ; and mixtures thereof ; wherein said composition contains 25% maximum of said waxes and 10% maximum of said other hydrophobic material ; and

(d) from 15% to 25% water.

Compl. Specn. 24 pages Drng. Sheet Nil

Ind. Cl. : 140A-2 184493

Int. Cl.[4] : C 10M 101/00

A CRANKCASE LUBRICATING OIL COMPOSITION.

Applicant : THE LUBRIZOL CORPORATION, 29400 LAKEL AND BOULEVARD WICKLIFFE, OHIO 44092, UNITED STATES OF AMERICA.

Inventors :

MARY GALIC—U.S.A.

SCOTT TED JOLLEY—U.S.A.

MARY FRISINGER SALOMON—U.S.A.

Application for Patent No. 899/Del/91 filed on 23-09-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

14 Claims

A crankcase lubricating oil composition which comprises a major amount of an oil of lubricating viscosity and from 50 to 2500 ppm by weight of the composition, a butylene oxide based polymer as an antiemulsion agent and the balance if any comprising one or more conventional additives present at a level of at least 0.025% by weight of the composition.

Compl. Specn. 46 pages ; Drwng. Sheet Nil

Ind. Cl. : 32F1 184494

Int. Cl.[4] : C 07F 5/02

AN IMPROVED PROCESS FOR THE PREPARATION OF BORON TRIFLUORIDE DIETHYLETHERATE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventors :

ASHWINI KUMAR SURI—INDIA,

JETANDER MOHAN UPADHAYAY—INDIA

SATYA KUMAR MEHTA—INDIA.

Application for Patent No. 908/Del/91 filed on 25-9-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi 110 005.

2 Claims

An improved process for the preparation of boron trifluoride diethyletherate which comprises adding 1-4 mole of boric acid to an excess of conc. sulphuric acid, stirring the resultant mixture, distilling the mixture to remove the moisture formed, cooling the mixture to below 100°C, adding to the cooled mixture 0.5-8.0 mole of calcium fluoride with stirring, heating the mixture to a temperature between 110-250°C to generate boron trifluoride gas, passing the gas through a series of traps successively and individually containing anhydrous boric oxide-sulphuric acid solution, sodium fluoride, ether and fused calcium chloride, the traps containing ether being externally cooled upto 0°C so as to facilitate absorption of the boron trifluoride gas by the ether forming thereby the boron trifluoride diethyletherate.

Compl. Specn. 7 pages ; Drgn. Sheet Nil

Ind. Cl. : 189 184495

Int. Cl.[4] : A 47 K 5/00.

A DETERGENT COMPOSITIONS HAVING SUDSING AGENTS.

Applicant : THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO 45202, UNITED STATES OF AMERICA.

Inventors :

MARK HSIANG-KUEN MAO—U S.A.

Application for Patent No. 932/Del/91 filed on 26th Sep. 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

9 Claims

A detergent composition having enhanced sudsing, and composing from 5% to 65% by weight of a surfactant mixture comprising :

(a) from 5% to 95% by weight of one or more anionic sulfate or sulfonate surfactants ; and

(b) from 5% to 95% by weight of one or more polyhydroxy fatty acid amides having the formula

$$R^2\ G{-}N{-}Z \quad (O\ R^1)$$

wherein R^1 is H, a C_1-C_4 hydrocarbyl, 2-hydroxy ethyl, 2-hydroxy propyl, or mixtures thereof, R^2 is a C_5C_{31} hydrocarbyl, and Z is a polyhydroxydrocarbyl having a linear hydrocarbyl chain with at least 3 hydroxyl groups directly connected to the chain, or an alkoxylated derivative thereof ;

(c) from 1% to 20% by weight of a suds enhancing agent selected from the group consisting of amine oxides ; betaines ; sultaines ; and nonionic compounds selected from polyethylene, polypropylene and polybutylene oxide condensates of alkyl phenols, the alkyl ethoxylate condensation products of aliphatic alcohols with ethylene oxide the condensation products of ethylene oxide with a hydrophobic base formed by the condensation of propylene oxide with propylene glycol, the condensation product of ethylene oxide with the product resulting from the reaction of propylene oxide and ethylenedianine, alkylpolysaccharides, and fatty acid amides ; and mixtures thereof.

Compl Specn. 56 pages ; Drng. Sheet Nil

Ind. Cl. : 40B 184496

Int. Cl.[4] : B 01J 21/00

A METHOD FOR PREPARING A FLUORINATION CATALYST.

Applicant : IMPERIAL CHEMICAL INDUSTRIES PLC., A BRITISH COMPANY, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON SWIP 3JF, ENGLAND.

Inventors :
PRAVIN KANJI DATTANI—ENGLAND
JOHN DAVID SCOTT—ENGLAND.

Application for Patent No. 939/Del/91 filed on 26-9-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

9 Claims

A method for preparing a fluorination catalyst, characterised in that the spent catalyst is contacted at a temperature in the range from 300°C to 500°C with a mixture of an oxidising agent, such as herein described, and hydrogen fluoride containing upto 30% of the oxidising agent on a molar basis.

Compl. Specn. 12 pages; Drgn. Sheet Nil.

Ind. Cl. : 170 A. 184497

Int. Cl.[4] : C 08 L, 91/00.

A CLEANSING COMPOSITION.

Applicant :
THE PROCTER & GAMBLE COMPANY,
A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO,
UNITED STATES OF AMERICA
OF ONE PROCTER & GAMBLE PLAZA,
CINCINNATI, STATE OF OHIO 45202,
UNITED STATES OF AMERICA.

Inventor(s) :
JOSEPH MICHEL GIRET, FRANCE,
ANNE (NMN) LANGLOIS, FRANCE AND
ROLAND PHILIP DUKE, GB.

Application for Patent No. 985/Del/91 filed on 10th Oct., 1991.

Convention Application No. 9022247.2, 9025052.3, 9119162.7/UK/12-10-90, 17-11-90, 07-09-91.

Appropriate office for opposition proceedings Rule 4, (Patents Rules 1972) Patent Office Branch, New Delhi-110 005.

16 Claims

A cleansing composition comprising :—

(a) from 0.1% to 20% by weight of anionic surfactant,

(b) from 0.1% to 20% by weight of amphoteric surfactant,

(c) from 0.5% to 25% by weight of an duct prepared from vegetable oils containing non-conjugated polyunsaturated fatty acid esters which are conjugated and elaidinized and then modified via Die's-Alder addition with a member of the group consisting of acrylic acid, fumaric acid and maleic anhydride; and

(d) the balance comprising water, and optionally conventional components of cleansing compositions.

wherein the said anionic surfactant and the said amphoteric surfactant together comprise from 0.5% to 30% by weight of the composition, and where the weight ratio of anionic surfactant : amphoteric surfactant is in the range from 1 : 5 to 20 : 1.

(Compl. Specn : 24 Pages; Drg Sheet : Nil).

Ind. Cl. : 70 C. 184498

Int. Cl.[4] : C 25F 3/02.

A NOVEL ELECTROLESS PROCESS OF DEPOSITION OF MULTILAYER COATING.

Applicant :
CHIEF CONTROLLER,
RESEARCH AND DEVELOPMENT,
MINISTRY OF DEFENCE,
GOVERNMENT OF INDIA,
NEW DELHI, INDIA.

Inventor(s) :
LAXMINARAYAN GANAPA BHATGADDE, INDIA.
SUKHADA CHITTARANJAN KULKARNI, INDIA.

Application for Patent No. 1243/Del/91 filed on 18-12-1991.

Appropriate office for opposition proceedings Rule 4, (Patents Rules 1972) Patent Office Branch, New Delhi-110 005.

6 Claims

An electroless process for deposition of multilayer coatings on polytetrafluoroethylene substrates, comprising :—

(i) Palladium activation and immersion of a cleaned substrate in an electroless copper bath as herein described,

(ii) Treating the substrate by the step of heating so as to increase adhesion of copper to the substrate,

(iii) Dipping said substrate in an electroless nickel bath containing ethylene diamine as a complexing agent hydrazine hydrate as a reducing agent, so as to provide a coating of nicket thereon, and

(iv) Then providing a coating of Gold by dipping said substrate in an electroless gold bath.

(Compl. Specn. : 11 Pages; Drg. Sheet : Nil).

Ind. Cl. : 84 B. 184499

Int. Cl.[4] : C 10 L 1/04 1/10.

A FUEL COMPOSITION.

Applicant :
THE LUBRIZOL CORPORATION,
A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO,
UNITED STATES OF AMERICA,
OF 29400 LAKE LAND BOULEVARD,
WICKLIFFE, OHIO 44092-2298,
U.S.A.

Inventor(s) :
STEPHEN HOWARD STOLDT,
U.S.A.

Application for Patent No. 295/Del/92 filed on 01st April, 1992.

Divisional out of Patent Application No 48/Del/89 filed on 19-01-89

Anti dated to 19.01.89.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch , New Delhi-110 005.

6 Claims

A fuel composition comprising :

(1) at least one member selected from the group consisting of :

(i) a hydrocarbon substituted sulfonated phenol or salt thereof;

(ii) an ethylene oxide/propylene oxide copolymer;

(iii) a hydrocarbyl substituted phenol, and

(iv) mixtures of any of (i), (ii) and (iii);

(2) gasoline;

(3) at least one alcohol; and

(4) at least one ashless dispersant such as herein described;

the weight ratio of said at least one member to said ashless dispersant being from 2 : 1 to 1 : 50, the amount of said at least one alcohol being from 0.1 to 45% by weight of the fuel composition, and the balance being made up of said gasoline.

(Compl. Specn. : 34 Pages; Drg. Sheet : Nil).

Ind. Cl. : 32F3 (b). 184500

Int. Cl.[4] : C11z, 3/00.

A PROCESS FOR THE PREPARATION OF OIL CONTAINING GAMMA-LINOLENIC ACID BY SUBMERGED FERMENTATION.

Applicant :
COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG,
NEW DELHI-110 001, INDIA,
AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT, (ACT XXI OF 1860).

Inventors :
PRITI SOMAL,
CHARANJIT LAL CHOPRA,
RAM VILAS PRASAD SINHA & LATA VERMA
(INDIAN).

Application for Patent No. 905/Del/93 filed on 23-8-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch , New Delhi-110 005.

5 Claims

A process for the preparation of oil containing gamma-linolenic acid by submerged fermentation which comprises cultivating Mortierella ramanniana having characteristics as herein described in a conventional culture medium essentially containing carbohydrates at a temperature of 30 + 1°C, under stirring separating the mycelium by known method, then treating with hydrochloric acid and extracting oil containing gamma-linolenic acid by conventional solvent extraction method such as herein described.

(Compl. Specn. : 8 Pages; Drg. Sheet : Nil)

Ind. Cl. : 97 A&B Gr [LXI (2)]. 184501

Int. Cl. : H 05 B-7/10.

AN IMPROVED TWIN SHELL ELECTRIC FURNACE.

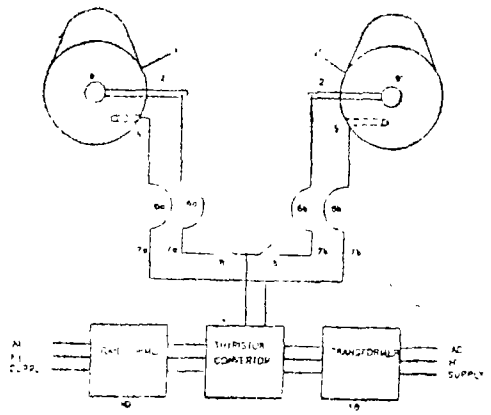
Applicant & Inventor :
MUKESH BHANDARI OF A-1,
SKYLARK APARTMENT,
SATELLITE ROAD,
AHMEDABAD-380 015, GUJARAT, INDIA,
AN INDIAN NATIONAL.

Patent Application No. 183/Bom/95 filed on 17-04-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

2 Claims

An improved twin shell electric arc furnace (DC) consisting two shells (1, 1') to increase productivity and utilization, wherein both shells are connected to a single power source (10, 4) the said shells are provided with individual electrode masts (2, 2'), each mast consisting of electrode (9, 9') and it's associated with up/down movement arrangement with bottom electrodes (5, 5'), the said electrodes are connected to the DC power source through bus bars (7a, 7a', 7b, 7b'), flexible cables (6a, 6a', 6b, 6b'), and off load change over switches (8, 8'), said change over switches connect at any time one shell to the power source.



Compl. Specn. : 8 Pages; Drgs. : 3 Sheets).

Ind. Cl. : 83 [XIV(5)] 184502
83 A-1 A-2

Int. Cl. : C 12 N 15/00
A 23 L 1/212 3/36

A PROCECSS FOR THE PREPARATION OF A FROZEN CONFECTIONERY PRODUCT.

Applicant : HINDUSTAN LEVER LIMITED, 165/166 BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors :
(1) LOUISE JANE BYASS.
(2) DONALD FRANK DARLING.
(3) CHARLOTTE JULIETTE DOUCET.
(4) RICHARD ANTHONY FENN.
(5) PETER JOHN LILLFORD.
(6) ANDREW JOHN MCARTHUR.
(7) DAVID NEEDHAM.
(8) CHRISTOPHER SIDEBOTTOM.
(9) KEITH SMALLWOOD.
(10) MARGARET FELICIA SMALLWOOD.

Application No. 434/Bom/97 filed on 21-7-1997.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

6 Claims

A process for the preparation of a frozen confectionery product camprising :

(a) preparing a liquid pre-mix.

(b) Pasteurisation of liquid pre-mix.

(c) freezing the liquid pre-mix to provide a frozen confectionery product;

wherein the liquid pre-mix comprises as an essential ingredient one or more AFPs derived from plants, wherein the AFPs is an aqueous compositions have an ice crystal size after quick freezing to -40°C or less, followed by storage for 1 hour at -6°C of less than 15 um, providing that the anti-freezing peptide is not an anti-freeze peptide from vinca minor, which is located in extracellular speces of plant cells and has a molecular weight of 36 KD, 30 KD, 24 KD, 22 KD, 11 KD, 9 KD or 5 KD.

Compl. Specn. 44 Pages; Drgns. Nil.

Ind. Cl. : 83 A_2 184503

Int. Cl. : A 23 G - 9/02

A PROCESS FOR THE PREPARATION OF AN ICE CONFECTION.

Applicants : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA.

Inventors :
(1) ROBERT DANIEL KEENAN.
(2) LOYD WIX.
(3) DAVID YOUND.

Application No. 626/Bom/1997 filed on Oct. 23, 1997.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

4 Claims

A process for the preparation of an ice confection having an aqueous phase and a fat phase wherein the ice confection premix is prepared and then subjected to an ultra high pressure treatment prior to freezing, the ice confection comprising in the aqueous phase at least 1 wt% micellar casein, a stabiliser and sufficient total sugars such that a protein gel is formed on application of ultra high pressure greater than or equal to 250 MPa for greater than or equal to 1 minute, characterised in that the ice confection is not subjected to a freeze concentration step prior to the ultra high pressure treatment.

Compl. Specn. 13 Pages; Drgns. 2 Sheets.

Ind. Cl. : 55 E_1 [XIX (1)] 184504

Int. Cl. : A 61 K - 9/20

AN IMPROVED PROCESS FOR THE PREPARATION OF SYNERGISTIC ORAL FORMULATION IN THE TABLET FORM OF THERAPEUTICALLY ACTIVE.

Applicants : M/s. SYNIT DRUGS PRIVATE LIMITED, MOHATTA BHAVAN, OFF HAINES ROAD, WORLI, MUMBAI-400 018, MAHARASHTRA, INDIA.

Inventors :
(1) SHIRISH BHAGWANLAL MODY.
(2) BHARAT PRAVINCHANDRA MEHTA.
(3) PRANABH DINESH MODY.

Application No. 655/Bom/1997 filed on 10-11-1997.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

5 Claims

An improved process for the preparation of snyergistic oral formulation in the tablet form of therapeutically active herbal ingredients at least one of the said herbal ingredients are selected from haridra, tulsi, yashtimadhu, vasaka, sunthi, pippali, marich, kantakari, pushkarmool, kushtha, aparnaiga, katuki, amlaki, and/or mixture thereof to provide relief in the symptoms associated with common cold, rhinitis, allergic, rhinitis, laryngitis and pharyngitis, comprising the following steps.

(i) Weighted quantity of dry extract of specified herbal ingredients as herein described and diluents are separately passed through 40 mesh stainless steel sieve and are mixed thoroughly and blended,

(ii) adding binding agents to step (i) to form a wet mass;

(iii) granulating the wet mass of step (ii) by passing through 12 mesh stainless steel screen to form granules and drying by conventional method,

(iv) adding pharmaceutically acceptable lubricants to granule of step (iii),

(v) compressing the mixture of granules and lubricants of step (iv) in rotary tablet machine into tablets;

(vi) coating the tablets of step (v) by transferring to a coating pan and coated with single film coat of shellac and dried which is again coated with the film coating solution and is polished in a known manner.

Compl. Specn. 12 Pages; Drgns. Nil.

Ind. Cl. : 55 E_2+E_1 [XIX(1)] 184505

Int. Cl. : A 61 K, 31/00

AN IMPROVED PROCESS FOR THE PREPARATION OF SYNERGISTIC ORAL FORMULATION IN THE TABLET FORM OF THERAPEUTICALLY ACTIVE HERBAL INGREDIENTS.

Applicants : M/s. SYNIT DRUGS PRIVATE LIMITED, MOHATTA BHAVAN, OFF HAINES ROAD, WORLI, MUMBAI-400 018, MAHARASHTRA, INDIA.

Inventors :
(1) SHIRISH BHAGWANLAL MODY.
(2) BHARAT PRAVINCHANDRA MEHTA.
(3) PRANABH DINESH MODY.

Application No. 656/Bom/97 filed on 10-11-97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

5 Claims

1. An improved process for the preparation of synergistic oral formulation in the tablet form of therapeutically active herbal ingredients and one of the said herbal ingredients are

selected from mandookaparni brahmi, shankhapushpi, bhringaraj, vidang, jivanti, pippali, bhallatak and/or mixture thereof used as brain tonic to provide relief in the symptoms associated with the mental disturbances comprising the following steps :

(i) Weighted quantity of dry extract of specified herbal ingredients as herein described and diluents are separately passed through 40 mesh stainless steel sieve are mixed thoroughly and blended ;

(ii) adding binding agents to step (i) to form a wet mass

(iii) granulating the wet mass of step (ii) by passing through 12 mesh stainless steel screen to form granules and drying by conventional method;

(iv) adding pharmaceutically acceptable lubricants to the granules of step (iii)

(v) compressing the mixture of granules and lubricants of step (iv) in rotary tablet machine into tablets;

(vi) Coating the tablets of step (v) by transferring to a coating pan and coated with single film coat of shellac and dried which is again coated with the film coating solution and is polished in a known manner.

Compl. Specn. 14 Pages; Drgns. Nil.

Ind. Cl. : 143 D 4, D 5 184506

Int. Cl. : B 65 B 9/00, 9/08

METHOD OF PRODUCING PACKETS OF FLOWABLE MATERIAL.

Applicants : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA.

Inventors :
(1) KEVIN RICHARD FINCHAM.
(2) DAVID ROBERT SEAWARD.
(3) GRAHAM LEONARD SHIRLEY &
(4) GEOFFRAY WILLIAM VERNON.

Application No. 119/Bom/1998 filed on March 9, 1998.

Divisional to Application No. 308/Bom/94 dated July 1, 1994.

U.K. Priority date : 08-07-1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

4 Claims

1. A Method of producing packets of flowable material in which the material is fed into a descending guide, a tubular web of packaging material is formed around the guide and continues on a descending path below the guide, and the flowable material fed to the guide exits through an opening in an outlet end of the guide at the bottom thereof into the tubular web, a valve member reciprocating in the outlet end of the guide alternately blocking said opening and expelling the material, in discrete doses therefrom into the tubular web, and, in synchronism with said dosing of said tubular web, packets are formed containing predetermined doses of said material by making transverse seals across the web adjacent the bottom of the guide to separate the doses in mutually sealed compartments, and the individual packets are separated by severing the web at the said seals.

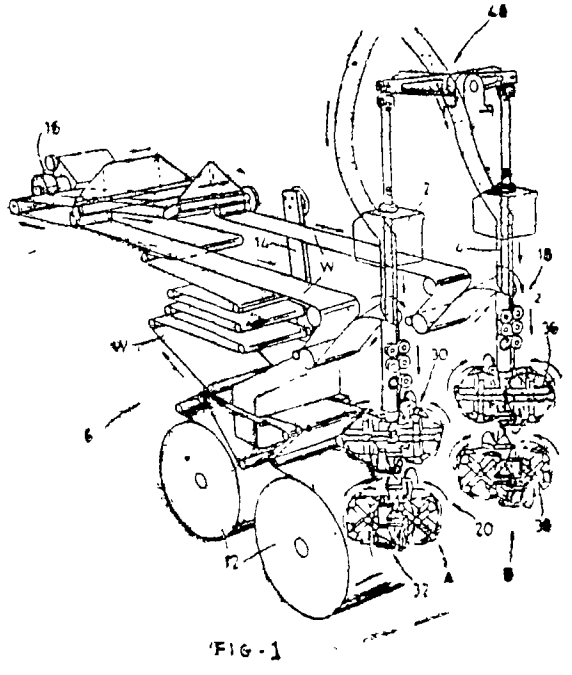


FIG-1

Compl. Specn. 20 Pages; Drgns. 8 Sheets.

Ind. Cl. : 55 E2+E4 [XIX(I)] 184507

Int. Cl. : A 61 K, 31/00

A PROCESS FOR THE PREPARATION OF NIFEDIPINE CONTAINING PHARMACEUTICAL EXTENDED RELEASE COMPOSITION.

Applicants : M/s. J. B. CHEMICALS & PHARMACEUTICALS LIMITED, "NEELAM CENTRE", "B" WING, 4TH FLOOR, HIND CYCYLE ROAD, WORLI, MUMBAI-400025, MAHARASHTRA, INDIA.

Inventors :
(1) SHIRISH BHAGWANLAL MODY.
(2) DR. MADHUKANT MANSUKHLAL DOSHI &
(3) DR. MILIND DATTATRAYA DOSHI.

Application No. 568/Bom/98 filed on Sept. 1998.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

10 Claims

1. A process for the preparation of Nifedipine containing pharmaceuticals extended release composition, comprising of co-precipitating Nifedipine with polyvinylpyrrolidone on a mixture of pharmaceutically acceptable water soluble excipient such as lactose and a hydrophillic matrix forming polymer such as hydroxyproplymethylcellulose by dissolving Nifedipine & polyvinylpyrrolidone in a solvent mixture, the resultant solution is adsorbed on a mixture of lactose and hydroxypropylmethylcellulose, the wet mass obtained is dried in an over to remove the solvents, the resulting mixture is then granulated, blended with a lubricant like magnesium stearate, tabletted and coated in a known manner such as herein described.

Compl. Specn. 15 Pages; Drgns. Nil.

Ind. Cl. : 55 $E_2 + E_4$. 184508

Int. Cl. : A 61 K—31/00.

A PROCESS FOR MAKING SYNERGISTIC COMPOSITION FOR THE TREATMENT OF OSTEOARTHRITIS.

Applicant & Inventor : DR. JOSHI YESHWANT KASHINATH, VIKAS NAGAR, 721 B-2 NAVI PETH, PUNE-411030, MAHARASHTRA, INDIA.

Application No. : 670/Bom/98 filed on Oct. 16, 1998.

Application ante dated to 22 Jul., 1997.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

01 Claim

A process for making a synergistic composition for the treatment of osteoarthritis comprising intimately mixing together the following ingredients in the following proportions by mass : Withania Somnifera 75 mg, Sida Cardifolia 50 mg, Curcuma longa 42 mg, Allium sativum 30 mg, Prunus Cerasodius 3 mg, Jasad Bhasma 40 mg, Kukut Bhasma 40 mg, and compressing the same with known fillers, such as calcium phosphate to form tablets or capsules.

(Compl. Specn. : 7 pages; Drgn. nil sheet)

Ind. Cl. : 32 F 1. 184509

Int. Cl. : C 07 C 143/72.

PROCESS FOR SYNTHESIS OF 2, 4-DICHLORO-5-SULPHONAMIDO BENZOIC ACID.

Applicant : SHRIKANT RAMCHANDRA DESHMUKH, 3, ASHIRWAD BUNGLOW, 20, SAHU COLONY, BANSILAL NAGAR, AURANGABAD-431005, MAHARASHTRA, INDIA.

Inventors :
1. SHRIKANT RAMCHANDRA DESHMUKH
2. MOHAN RAGHUNATH JADHAV
3. NAGESH SAJIRAO WALIMBE

Application No. : 398/Bom/1999 filed May 25, 1999.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

06 Claims

1. A Process for synthesis of 2, 4-dichloro-5-sulphonamido benzoic acid comprising :

(a) heating of 2, 4, dichloroacetophenone with chlorosulphonic acid for several hours at 165—170°C to produce 2, 4-dichloro-5-sulphonyl chloride acetophenone;

(b) cooling the reaction mass at the end of step (a) to 50°C and to treat it with dilute aqueous ammonia to produce 2, 4-dichloro-5-sulphonamido acetophenone;

(c) reacting 2, 4-dichloro-5-sulphonamido acetophenone obtained at the end of step (b) with aqueous sodium hypochlorite solution to produce soldium salt of Lasamide.

(d) acidifying the reaction mixture at the end of step (c) by dilute sulphuric acid to produce Lasamide.

(Compl. Specn. : 7 pages; Drgns. : nil sheet)

Ind. Cl. : 55 E1. 184510

Int. Cl. : A 61K, 37/02.

A PROCESS FOR ISOLATION AND PURIFICATION OF M. TUBERCULOSIS EXCRETORY-SECRETORY M. tb ES 31) PROTEIN FOR USE IN ANTIBODY BASED OR ANTIGEN BASED ASSY FOR DETECTING THE PRESENCE AND MONITORING OF M. TUBERCULOSIS INFECTION.

Applicant : KASTURBA HEALTH SOCIETY, SEVAGRAM, WARDHA-442 102, MAHARASHTRA, INDIA.

Inventors :
1. PROF. HARINATH BHASKAR CHINNAIAH
2. DR. SATISH KUMAR
3. DR. REDDY MARYADA VENKATA RAMI
4. RAJI NAIR

Application No. 410/Bom/1999 filed on June 2 1999.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

10 Claims

1. A Process for isolation and purification of M. tuberculosis excretory-secretory (M. tb ES 31) Protein for use in antibody based or antigen based assay comprising :

— growing the bacilli strain M. tb. H_{37} Ra is Lowenstein-Jenson (L—J) medium followed by thyroxine supplemented Sautons medium to release the protein into the medium,

— isolating said protein as herein described,

— purifying the said protein by,

— ammonium sulphate solubilization,

— SDS-PAGE fractionation to isolate M. tb ESAS-7 antigen Protein,

— fractionating M. tb ESAS-7 protein further by cation exchange FPLC to get ESAS-7F (M. tb. ES-31) protein.

(Compl. Specn. : 6 pages; Drgns. : nil sheet)

RESTORATION PROCEEDINGS

Notice is hereby given that application for restoration of Patent No. 165819 dated the 4-9-1987 made by INSTITUT ARMAND-FRAPPIER on the 01-09-1999 and notified in the Gazette of India, Part III, Section 2, dated 04-03-2000, has been allowed and the said patent restored.

Notice is hereby given that an application for restoration of Patent No. 172094 dated the 31-10-1988 made by SCHLUMBERGER LIMITED on the 4-10-1999 and notified in the Gazette of India, Part III, Section 2, dated 4-3-2000 has been allowed and the said patent restored.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 175544 granted to Siemens Aktiengesellschaft for an invention relating to Filter-impregnatable device for a large electric machine.

The Patent ceased on the 6-7-1999 due to non payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 12-8-2000.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palance, 2nd M.S.O. Building, 5th, 6th and 7th Floor, 234-4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 26-10-2000 under Rule 69 of the Patents Rules,

1972. A written statement, in triplicate, setting out the nature of the opponents interest the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application for restoration of Patent No. 177795 dated the 18th December 1992 made by (i) Smt. Chhabi Ghosh, (ii) Sri Prasanta Kumar Ghosh and (iii) Sri Susanta Ghosh on the 25-08-1999 and notified in the Gazette of India, Part III, Section 2, dt. 15-07-2000 has been allowed and the said patent restored.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 177927 granted to RALLIS INDIA LIMITED for an invention relating to A process for the preparation of the herbicide 2-chloro-N-(2-etnyl-6-methyl phenyl) etc.

The Patent ceased on the 30-06-1999 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 12-8-2000.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palance, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 26-10-2000 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponents interest the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 178241 granted to Siemens Aktiengesellschaft & (ii) Diffusion Alloys Limited for an invention relating to a process for refurbishing of corroded super alloy or heat resistant steel part.

The Patent ceased on the 22-7-99 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India Part III Section 2 dated the 12-8-2000.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 26-10-2000, under Rule, 69 of the Patent Rules, 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application for restoration of Patent No. 178881 dated 18th December 1992 made by Otto India Ltd., on the 6th December 1999 and notified in the Gazette of India, Part III Section 2, dated 4th March 2000 has been allowed and the said patent restored.

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

In pursuance of leave granted under Section 20(1) of the Patents Act, 1970, the application No. 528/Cal/95 (183643) made by COMBUSTION ENGINEERING INC, has been allowed to proceed in the name of ABB ALSTOM POWER INC.

THE DESIGN ACT 1911
SECTION 63
DESIGN ASSIGNMENT

The following Design stand in the name of LA TELEME CANIQUE has been assigned in the Register of Design in the name of SCHNEIDER ELECTRIC INDUSTRIES S. A.

Design No., Class and Name

159736, 159737 & 159739—3—Schneider Electric Industries S.A. A French Public Limited Company of 40 Avenue Andre Morizet 92100 Boulogne, Billancourt, France.

The following Design stand in the name of LA TELEME CANIQUE has been assigned in the Register of Design in the name of SCHNEIDER ELECTRIC INDUSTRIES S. A.

Design No., Class and Name

161133 to 161138 & 162157—3—Schneider Electric Industries S.A. A French Public Limited Company of 40 Avenue Andre Morizet 92100 Boulogne, Billancourt, France.

The following Designs registered in the name of SIEL Ltd. have been changed by virtue of the order by Hon'ble Delhi High Court dated 22 July 1996 in the Register of Design as SIEL Compressor Ltd.

Design No., Class and Name

164818, 164810, 161149, 161152 to 161159—1—SIEL Compressor Ld. Surya Kiran Building, 19, Kasturba Gandhi Marg, New Delhi-110 001.

The following Designs registered in the name of SIEL Ltd. have been changed by virtue of the order by Hon'ble Delhi High Court dated 22 July 1996 in the Register of Design as SIEL ACRON Ltd.

Design No., Class and Name

166682 & 168899—3—SIEL ACRON Ld., Surya Kiran Building, 19, Kasturba Gandhi Marg, New Delhi-110 001.

RENEWAL FEES PAID

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CESSATION OF PATENTS

182555

PATENT SEALED ON 28-07-2000

181464* 182193 182929*D 183501 183502 183503 183504 183505 183506* 183507 183508* 183511 183512* 183513 183514*F 183515*F 183516*D 183518*D 183519*F 183520*D

CAL—11, DEL—NIL, MUM—NIL, CHEN—09.

*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date expiration of three years from the date of sealing.

D—Drug Patents.

F—Food Patents.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Design Act 1911.

The date shown in the each entries in the date of the registration included in the entries.

Class 1. No. 181753. M. P. Electricals, 102A, Park Street, Calcutta-700 017, W.B., India "TABLE FAN", 25th February 2000.

Class 1. No. 181754. M. P. Electricals, 102A, Park Street, Calcutta-700017, W.B., India. "CEILING FAN", 25th February 2000.

Class 3. No. 181612. Havell's India Ltd. an Indian company, 1-Raj Narain Marg, Civil Lines, Delhi-110054, India. "Miniature Circuit Breaker", 17 February 2000

Class 3. No. 181618. Huangslite Industrial Co. Ltd., No. 9, Lane 379, Chung-Hwa Road, Su-Din, Taipei Hsein, Taiwan ROC., A Chinese Company "SUPPORT FRAME OF A TABLE LAMP", 17 February 2000.

Class 3. No 181621, Isabelle Reverchon, A French National, 109 Route De Courbuission, 77920 Samois Sur Seine, France. "BUMPING CAR", 17 February 2000.

Class 3. No 181682, Koninklijke Philips Electronics N.V., Groenewoudseweg 1, 5621 BA Eindhovoen, The Netherlands. "A COMBINED ELECTRIC EPILATOR DEVICE WITH ICE-PACK", 15 December 1999.

Class 3. Nos. 181740 to 181743 Bijoy Chakraborty Indian National. 1/1B/4, Ram Krishna Naskar Lane, Calcutta-700 010, W.B., India. "REPLACEABLE LED LAMP", 23 February 2000.

Class 12. No. 181605, Johnson & Johnson Inc., Canadian Company, of 7101 Notre Dame Stret East, Montreal, Quebec Hin2J4 Canada. "SANITARY NAPKIN" 15 February 2000.

H. D. THAKUR
Controller Genl. of Patents Designs & Trade Marks.

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित
एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 2000
PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD
AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 2000